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# Chaapel's Seeds

1918

OUR VERIBEST  
CABBAGE-HEAD  
'LETTUCE

**CHAAPEL'S  
SEED STORE**

**41 EAST THIRD STREET  
WILLIAMSPORT, PA.**

EASY-BLANCHING CELERY

# The Seed Corn Situation



White-Cap Yellow Dent Corn

It is now generally realized by leading agricultural specialists and thoughtful tillers of the soil that local Seed Corn is the best to plant for any given locality.

Years of experience as seedsmen have convinced us that Seed Corn acclimated to local conditions is the safest to plant and produces the largest yields of matured grain. It is only when local Seed Corn is not obtainable that it is safe to plant Corn from a corresponding climate, and such seed should be raised farther north, thus insuring maturity before frost.

We have gathered the best Lycoming County Seed Corn that could be procured. It is all carefully hand-selected, tipped, butted, and graded, and will be tested for germination before being sold.

On account of the large percentage of moisture Corn contained at harvest (30 to 40 per cent), we have taken every precaution in curing our Seed Corn to insure as good germination as possible.

This requires a considerable amount of labor, not to mention expense; but we feel that this is necessary to insure good germination, for our ambition is to supply the best Seed Corn obtainable—Corn that will go into the crib with reasonable assurance of its keeping.

*Written November 16, 1917*

## A Later Report on the Germination of Seed Corn

The extreme amount of moisture in all Seed Corn this year at harvest-time, and the very extraordinarily cold weather in December, not allowing it thoroughly to dry out, injured the germination to a very marked degree. This condition is not peculiar to Lycoming County or Pennsylvania, but is general throughout the northern Corn-growing belt of the United States.

R. H. BELL, Lycoming County Farm Agent, reports, under date of February 2, that 110 samples of Corn were gathered by him and sent to State College for germination test, 50 of the samples were picked and stored for seed, and 60 of the samples were crib Corn, mostly from the river-bottom farms, where the early September frosts did not seriously affect maturity. The best samples of crib Corn germinated only 64 per cent, the Corn that was stored for seed purposes showed only a fair germination, and not a single sample showed perfect germination, that is, 95 per cent to 100 per cent.

We can verify the above, for we ourselves have tested over one hundred samples from nearly as many Lycoming County farms and the results were practically the same.

**WE HOPE BY SELECTION** to save out of this wreck a few hundred bushels that will germinate fairly well, and we are going to mark every lot of Corn sent out with the actual germination as shown by our test. Every farmer who has Seed Corn should test it, so that seed planted this spring will produce an average yield, for, if there ever was a time when the world demanded a large yield, it is this season.

**CORN FOR THE CRIB.** We would caution the farmer about planting Corn raised south of us for grain, as we feel it is better to plant Corn that is acclimated to our section, even though the germination is not so good, than to take a chance on southern-grown Corn that may germinate fairly well but will not mature. (This does not apply to Silo Corn; see note below.)

**TESTED FOR GERMINATION.** Before sending out Seed Corn we make a germination test and will mark on the label the percentage that germinates, so that the purchaser will know exactly how many kernels out of one hundred will grow. This will protect the farmer and he can plant accordingly. Furthermore, we believe it would be good practice to plant Corn a little more thickly this year, so as to be sure of a stand.

This page gives you the actual Seed Corn situation in Lycoming County and in Pennsylvania in general, and you can rest assured that Corn purchased from us will be as good as you could procure from any source, anywhere, at any price. Besides, we protect you by telling the truth about the germination.

Yours truly,

HARRY CHAAPEL and P. A. MCGOWAN  
of Chaapel's Seed Store

*Williamsport, Pa., February 15, 1918*

### ENSILAGE SEED CORN

TO OUR FRIENDS IN NEW YORK STATE AND THE NORTHERN COUNTIES OF PENNSYLVANIA

We recognize the serious condition of the ensilage varieties of Pennsylvania-grown Seed Corn, such as our Grand Prize (Sweepstakes), as explained on this page, and our advice as seedsmen **this year** to the **dairy farmer** who depends upon Corn silage for roughage, is to plant the earlier varieties of southern-grown Corn, such as our **Blue Ridge Ensilage, Early Carysbrook, Improved Yellow Dent**, and other early Virginia-grown varieties, on account of their better germination, and sacrifice, if need be, to a certain extent the early-maturing qualities possessed by our Grand Prize, so as to be sure of having sufficient feed for next winter; for that is all important, to maintain a large production of milk and butter.



*The available garden seed supply is the shortest ever known. Plan carefully and it will be safest to ORDER EARLY*



**OUR SEED STORE** is most centrally located at 41 East Third Street, just below Market Square, and easily reached from the city markets and railroad and trolley stations. The picture of our store is presented for the purpose of getting acquainted. Every year hundreds of people visit us for the first time and we are glad to have them come. Making new friends is one of the most important parts of any business and yet one of the most difficult. Old customers stay with us year after year, and we invite you to call and see for yourself how well equipped we are for the prompt and careful filling of all orders entrusted to us.

**ORDER EARLY.** While we have a good supply of seed on hand or in transit, the conditions that confront us this year are the worst we have ever experienced, due to conditions in the seed-growing section abroad, partial failure of American-grown seed, freight embargoes, advancing market, and other forces over which we have no control. We regret to announce that the prices quoted in this catalogue are not guaranteed but subject to change without notice. Order early and avoid disappointments later.

**ABOUT SHIPPING.** Freight movements are slow and uncertain, due to lack of help and motive power. We earnestly advise that all shipments go by express or parcel post whenever possible.

**SEEDS BY MAIL.** We will pay postage on all small seeds in packets, and in bulk up to one-fourth pound, within the first and second zones from Williamsport. On one-fourth to one-pound orders add 5 cents; for each additional pound add 1 cent. On peas, beans, and corn add for the first pint or quart 10 cents, and for each additional quart add 2 cents extra, for postage and packing. We will pay the extra war postage.

**TERMS (IMPORTANT).** Our prices are based upon cash sales. To avoid needless correspondence and delay, inclose with order the amount to cover bill, bags, and postage.

**COST OF BAGS.** Seamless two-bushel bags, used in shipping farm seeds, etc., are 45 cents extra this year owing to increased cost; burlap sacks are 15 cents each extra.

WE GUARANTEE OUR SEEDS to be of the very best quality and of strong vitality, but cannot guarantee results or crops. If customers do not accept goods on these conditions, the goods can be returned to us within ten days.

## CHAAPEL'S SEED STORE

HARRY CHAAPEL  
P. A. McGOWAN

41 EAST THIRD STREET  
WILLIAMSPORT, PA.

BELL PHONE 694-X2  
UNITED PHONE 523-Z

# BEANS, Dwarf Wax or Butter

Liberal packets 10 cts., postpaid. Prices subject to change. If ordered to be sent by parcel post, add 10 cts. extra for the first pint or quart, and 2 cts. for each additional quart.

We condense into the following list the best Wax or Butter Beans—sorts that yield and sell well in all sections

**Pencil-Pod Black Wax.** The best of the dwarf, black wax varieties; early and productive. Pods are large,  $5\frac{1}{2}$  to 6 inches long, round, nearly straight and creasebacked; strictly stringless, free from fiber, fleshy and brittle; of highest quality; color very clear yellow. Pkt. 10 cts., qt. 70 cts., 4 qts. \$2.50.

**Refugee Wax.** The stock we offer is very productive, early, and of superior quality. The plants are very vigorous and branching. The pods are 4 to 5 inches long, thick, fleshy, round, stringless and wax-like, being of a clear, light yellow color. Seed medium-sized, cylindrical, rounded at the ends, yellowish drab, heavily splashed with a bluish black. This is much used for canning as well as for home-garden and market. Pkt. 10 cts., qt. 70 cts., 4 qts. \$2.50.



Improved Rust-Proof Golden Wax Beans

## Improved Rust-Proof Golden Wax

Without doubt the most popular of all the dwarf Wax or Butter Beans

We are fortunate in having what seems to be an ample supply of this popular garden Bean, while many other varieties are a complete failure. This Bean does well under almost all garden conditions. It is the one best variety to plant, is always reliable, sure to produce a crop, and fine for canning. This is one of the earliest and best of the popular six weeks' dwarf Beans for the market and private home-gardens. The plants are erect, compact, and productive. The pods are of medium length,  $4\frac{1}{2}$  to 5 inches, nearly straight, broad, half-round, golden yellow, very fleshy, wax-like, and stringless. Pkt. 10 cts., qt. 70 cts., 4 qts. \$2.50, pk. \$4.75.

**Prolific Black Wax.** The improved strain of Black Wax we offer under this name is exceptionally productive, very hardy, reliable, and of the best quality. It is very extensively used for snaps for the home-garden and market. The plants are medium-sized, erect in growth, with small foliage, very vigorous, early intermediate in season with longer bearing period than most sorts. The pods are of medium length,  $4\frac{1}{4}$  to  $4\frac{1}{2}$  inches, borne well up from the ground, curved, cylindrical, and fleshy. They are of a clear, light golden yellow color and remain a long time in condition for use as snaps. Seed small, oblong, jet black. Pkt. 10 cts., qt. 70 cts., 4 qts. \$2.50.

**Wardwell's Kidney Wax.** One of the best large-podded varieties. The medium-sized plant becomes loaded with long, broad, flat, beautiful waxy pods, which are stringless and exceedingly brittle; the dried Beans are of a distinct kidney shape. (Crop very short.) Pkt. 10c., qt. 85c., 4qts. \$3.

**Davis' White Kidney Wax.** An early, productive, and attractive wax variety. Pods large and flat,  $6\frac{1}{2}$  to 7 inches long, very uniform, extremely straight, stringy, fibrous, and of fair quality. Color clear, bright yellow. Seed white and kidney-shaped. A market-gardener's sort. Pkt. 10 cts., qt. 70 cts., 4 qts. \$2.50.

**Round-Pod Kidney, or Brittle Wax.** The earliest of all Wax Beans; quality unequalled; wonderfully productive; ideal canner. The pods are yellow, round, perfectly stringless, crisp, brittle and meaty. (Supply limited.) Pkt. 10 cts.,  $\frac{1}{2}$ pt. 25 cts.

**Hodson Wax.** A sure cropper; two weeks later than early varieties; blight-proof; strong grower; enormous producer. Thin out to 6 inches in the rows. (Supply limited.) Pkt. 10 cts., qt. 85 cts.

Our Northern-grown Beans are bred to produce early crops, to be hardy and disease-resistant

**Why Order Early?** Because Beans especially, as well as Corn, Peas, and a lot of other seeds are again a very short crop, even worse than last season. Our customers may rest assured that our supplies are as ample as those of other firms and we expect to fill all orders satisfactorily, but ask you to place your orders early to avoid disappointment, as later in the season some varieties may all be sold.

## BUSH FIELD BEANS—SHELL, SOUP, or BAKING VARIETIES

The **Large White Marrow** and **Improved Large White Kidney** are known as soup or baking Beans, for use during the winter months. The large demand and high prices make them a very profitable crop to grow, they do well on poor hilly land, and should be more largely planted. Pkt. 10 cts., qt. 50 cts., 4 qts. \$1.90, pk. \$3.70, bus. \$13. Inoculate your Beans with Standard Bacteria and spray with Pyrox. It pays to do this.



## BEANS, DWARF GREEN-PODDED

We supply liberal packets at 10 cts. each

**Burpee's Stringless Green-Pod.** Extra early; very prolific; entirely stringless; crisp, tender and of fine quality. Pkt. 10 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.20, pk. \$4.

**Improved Early Red Valentine.** Extra early; very popular and productive. Pkt. 10 cts., pt. 30 cts., qt. 55 cts., 4 qts. \$2, pk. \$3.75.

**Early Yellow Six Weeks.** An old standard green-podded variety; very vigorous, productive, and early. The pods are long, straight, broad, and flat, of handsome appearance; a good snap sort. Pkt. 10 cts., pt. 30 cts., qt. 55 cts., 4 qts. \$2, pk. \$3.75.

## BUSH LIMA BEANS

Burpee's Bush Lima is the dwarf prototype of the Large White Lima. It was the best type of the Bush Limas, requiring no poles, and being two weeks earlier than the Pole type. It is now superseded by Burpee's Improved Bush Lima, with pods truly enormous in size, filled with Beans which are both larger and thicker than those of the popular Burpee's Bush Lima, and fully eight days earlier.

The Fordhook is superior in many respects, earlier, larger in size and a heavier cropper than other Bush Limas.

We supply liberal packets at 10 cts. each

**Burpee's Bush Lima.** Bushes 18 to 20 inches. Immense yielder; most popular. Pkt. 10 cts., qt. 60 cts., 4 qts. \$2.20, pk. \$4.

**Burpee's Improved Bush Lima.** Sturdy bushes, loaded with enormous pods; very early. Pkt. 10 cts., qt. 70 cts., 4 qts. \$2.50, pk. \$4.50.

**Fordhook Bush Lima.** Strong, erect growth; pods contain three to five large Beans. Pkt. 10 cts., qt. 70 cts., 4 qts. \$2.50, pk. \$4.50.

## POLE LIMA BEANS

Put five or six seeds in hills 3 to 4 feet apart each way, placing them edge-wise with the eye downward, and covering 2 inches deep. They require a pole 7 feet high, and a good, warm loam. Pinch back when the vine reaches the top of the pole and the yield will be increased. Limas are the most popular table Bean.

We supply liberal packets at 10 cts. each

**Early Leviathan.** The earliest large Lima; very productive. Qt. 60 cts., 4 qts. \$2.20, pk. \$4.

Fordhook Bush Lima Bean

**King of the Garden.** Most popular; heavy cropper; Beans and pods large. Qt. 60 cts., 4 qts. \$2.20, pk. \$4.

**Ford's Mammoth-podded.** The largest podded, finest flavored and very productive. Qt. 60 cts., 4 qts. \$2.20, pk. \$4.

## POLE or RUNNING BEANS

We supply liberal packets at 10 cts. each

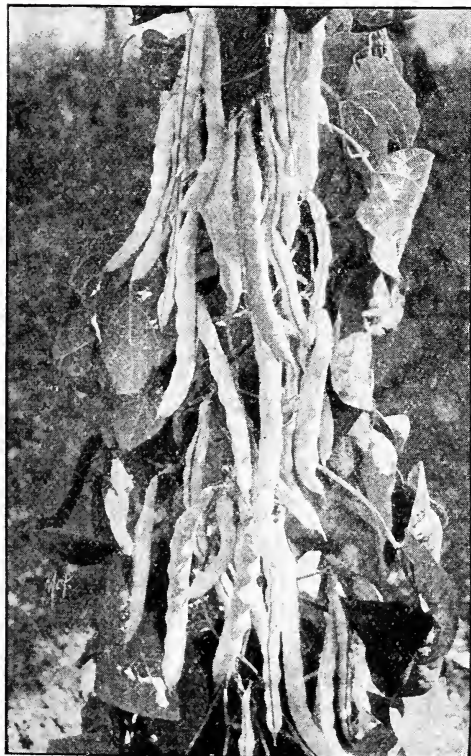
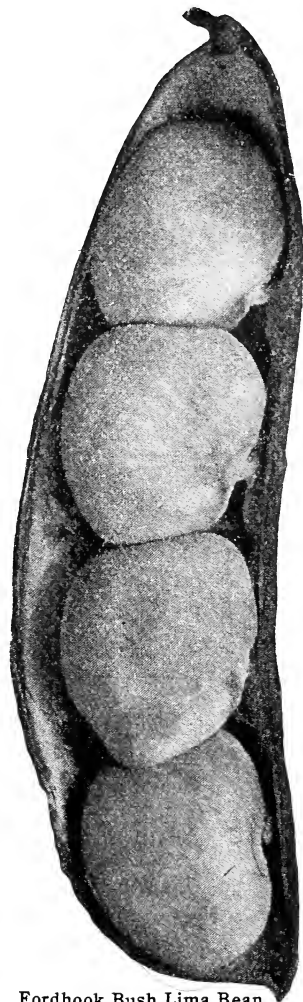
**Early Golden Cluster Wax.** Very early; fine quality; stringless; very productive; remains tender long after pods are developed. Beautiful golden yellow pods, very broad and 8 to 12 inches long. Good both for snap and shelling. (See illustration.) Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts., qt. 70 cts.

**Kentucky Wonder.** Fine green-pod sort; early and productive; entirely stringless. Qt. 60 cts.

**White Kentucky Wonder** (Stringless Green-Pod). Fine quality; very productive and early; stringless; white seed. Pkt. 10 cts., qt. 60 cts.

**Kentucky Wonder Wax.** Pods are beautiful golden yellow, and so fleshy that often the thickness surpasses the width; make delicious eating. Pkt. 10 cts., ½pt. 20 cts., pt. 35 cts.

**Lazy Wife.** Pods green and entirely stringless; enormous producer. Pkt. 10 cts., qt. 60 cts.



Early Golden Cluster Wax Beans

# Northern-Grown PEAS

One quart plants 75 feet of drill; 2 to 3 bushels to the acre

We are offering this year several new varieties of the dwarf, wrinkled English Pea. These, as well as other varieties offered by us, are pure-bred, northern-grown stock produced by the largest and most expert Pea specialists of the North.

## New English Pea, Peter Pan

This is the newest of the large-podded, extra-early, dwarf wrinkled Peas. The vines are dark green, extremely vigorous, growing 15 to 18 inches high. The pods are long and pointed and well filled with large, sweet, wrinkled Peas of most delicious quality.  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

## New Pea, Pioneer

### A DWARF GRADUS

This is one of the largest podded of all early dwarf Peas. A new, large-podded, early, wrinkled Pea of great promise. The vines are extremely vigorous, growing 15 to 18 inches high, dark green and produce a wonderful crop of pods which are filled with big Peas of delicious flavor. It is one of the earliest wrinkled Peas, coming in about the same season as Gradus, but a much heavier cropper.  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

## New Dwarf Pea, Little Marvel

A new, dwarf, first-early Pea of unusual value, but recently on the market. The demand among market-gardeners for this variety is already enormous. The vines average 15 inches in height, and the pods  $2\frac{1}{2}$  inches in length, frequently borne in pairs. The pods contain six or seven large, dark green Peas, which remain in good eatable shape a week later than most other varieties. This variety is as early as Nott's Excelsior or American Wonder, but produces a much larger pod, and the vines produce a much heavier crop. Its dark green pods are a more attractive color than the light green sorts. A desirable Pea for both the home-garden and market.  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

New English Peas,  
Peter Pan

desirable Pea for both  
the home-garden and market.  $\frac{1}{2}$ pt. 15 cts.,  
pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

## Potlatch, or Big Dinner Pea

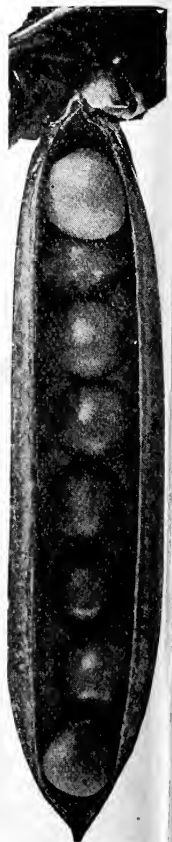
A large-podded, dwarf, wrinkled Pea; vines dark green, 20 inches high, second-early, maturing in sixty-five days. The pods are borne in pairs, long, dark green in color and well filled with large Peas of excellent quality and very prolific. Potlatch will surely please all who plant it. (Crop failed. Cannot supply.)

## Prince Edward, or Prodigious

A new variety with pods even larger than Alderman. The pods often grow nearly 6 inches long and are well filled with large Peas of the very finest quality. Vines grow 4 feet tall and are fairly prolific. A grand variety for those who want the very largest and best Peas that can be grown. Season medium late.  $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

## New Pea, Dwarf Defiance

Second-early. Destined to become the main-crop Pea. Dwarf in habit, sturdy, strong in growth; pods long, well filled with large, dark green Peas of rich, sweet flavor. Height 18 inches to 2 feet; needs no support. It will pay you to become acquainted with this new Pea. (Crop failed. Cannot supply.)



Little Marvel  
Peas

PEAS FORM A PROFITABLE CROP TO GROW. PLANT ALL YOU HAVE ROOM FOR



## EXTRA-EARLY PEAS

*Wrinkled varieties are marked with a star (\*). The height is given after each variety*

Liberal packets, 10 cts., postpaid. If ordered to be sent by parcel post, add 10 cts. extra for the first pint or quart, and 2 cts. for each additional quart

**Alaska**, or **Earliest of All**. Pods well filled with small, smooth, blue-green Peas; first early. 2½ ft. ½pt. 15c., pt. 25c., qt. 45c., 4 qts. \$1.50, pk. \$2.50.

**Best Extra-Early**. Superior strain of the extra-early Peas; first to plant and most profitable. 2½ ft. ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.50, pk. \$2.50.

**Ameer**, or **Large-podded Alaska**. Large, dark green pods, similar to Gradus. 3 ft. ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.50, pk. \$2.50.

**Prolific Early Market**. Only a few days later than Best Extra-Early; pods larger and most prolific. 3 ft. ½pt. 15c., pt. 25c., qt. 45 cts., 4 qts. \$1.50.

\***Little Marvel**. New. As early as Nott's Excelsior, with large pods; quality as good and a good cropper. (See description, page 4.) 15 in. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

\***Pioneer**. A dwarf Gradus. New. The largest-podded dwarf extra-early. (See description, page 4.) 15 to 18 in. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

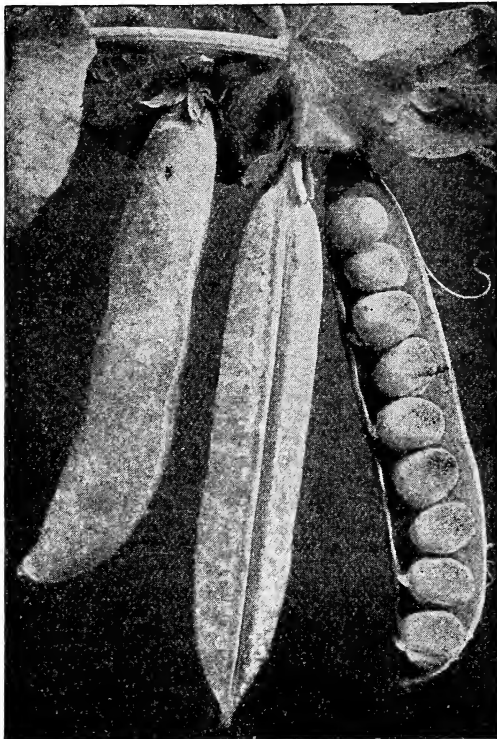
\***Peter Pan**. A new, dwarf, wrinkled English Pea, large-podded and well filled with large, delicious Peas. ½pt. 15 cts., pt. 25 qt. 50 cts., 4 qts. \$1.65, pk. \$3.

\***Nott's Excelsior**. Very early; pods always filled with Peas of the finest quality. 15 in. ½pt. 15c., pt. 25 cts., qt. 45 cts., 4 qts. \$1.50, pk. \$2.50.

\***Premium Gem**. Extra early, prolific and of delicious flavor. 15 in. ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.50, pk. \$2.50.

\***Gradus**, or **Prosperity**. Extra early; large, wrinkled Peas of the finest quality. 3 ft. ½pt. 15c., pt. 25c., qt. 50c, 4 qts. \$1.65, pk. \$3.

\***Thos. Laxton**. Similar to Gradus and just as good. 3 ft. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.



Nott's Excelsior Dwarf Peas

## SECOND-EARLY AND LATE VARIETIES

Liberal packets, 10 cts.

\***Everbearing**. Continuous bearer; pods large, of delicious flavor. One of the best for home and market. 2 ft. ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.50, pk. \$2.50.

\***Yorkshire Hero**. A splendid, large marrow Pea; abundant bearer; of fine quality. 2½ ft. ½pt. 15c., pt. 25c., qt. 45c., 4 qts. \$1.50, pk. \$2.50.

\***Advancer**. A sure cropper; popular market sort. 2½ ft. ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.50, pk. \$2.50.

\***Horsford's Market-Garden**. Pods literally packed with Peas of delicious, sweet flavor. 2½ ft. ½pt. 15 cts., pt. 25 cts., qt. 45 cts.

**Pride of the Market**. Popular in the market; pods large and handsome; finest quality. 2 ft. ½pt. 15c., pt. 25c., qt. 45c., 4 qts. \$1.50, pk. \$2.50.

**Prince Edward**, or **Prodigious**. Immense pods, and Peas of highest quality. 4 ft. (See description, page 4.) ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

\***Dwarf Defiance**. New. A splendid, large-podded variety; very promising. (See description, page 4.) 18 in. to 2 ft. (Crop failed.)

\***Dwarf Telephone** (Carter's Daisy). Large, well-filled pods of excellent flavor. 1½ ft. ½pt. 15c., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

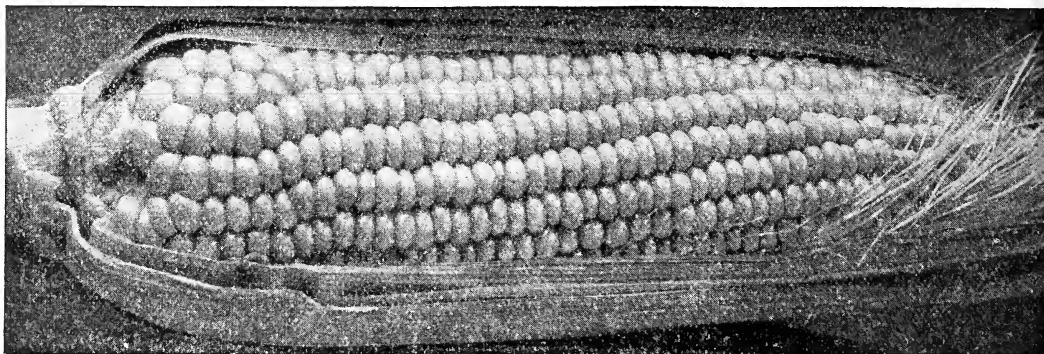
**Improved Stratagem**. A very large fine Pea, strong and stocky; late. The pods are very large and the Peas of the finest quality. The vines are short, so need no support. (Crop failed.)

\***Telephone**. The most popular late Pea. Large pods, filled with immense Peas of first-class quality. 4½ ft. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.65, pk. \$3.

\***Champion of England**. One of the richest, best-flavored Peas; well known and popular. 5 ft. ½pt. 15c., pt. 25c., qt. 50c., 4 qts. \$1.65, pk. \$3.

**Mammoth Melting Sugar**. (Edible pods.) Large, broad pods; very brittle and stringless. 4 ft. ½pt. 15c., pt. 25c., qt. 50c., 4 qts. \$1.65, pk. \$3.

Our aim is to supply particular people with trustworthy seeds, only the most satisfactory varieties—the "tried-and-true" kinds



Stowell's Evergreen Corn

## SWEET CORN

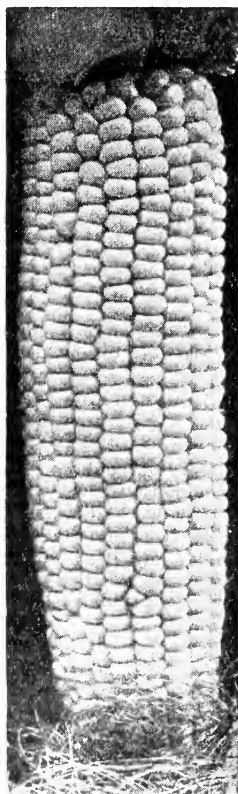
One quart plants 200 hills;  
1 peck to the acre

All the varieties of Sweet Corn named below are such popular, standard kinds that extended descriptions are hardly necessary. It is conceded by almost everybody that Golden Bantam is the finest extra-early Sweet Corn. Mammoth White Cory and Peep-o'-Day are the sweetest and most prolific of the extra-early white varieties.

Howling Mob and Kendel's Early Giant are the largest, finest early Sweet Corns, noted for their extreme earliness and large ears. Early Minnesota is the most popular of the second-early varieties; ears of fair size and good quality. Rice's Early Evergreen is about ten days earlier, equal in quality and almost as large as Stowell's Evergreen; a most popular variety. Country Gentleman is entirely distinct; cob small, with deep, pearly white, pointed grains. Stowell's Evergreen, the standard main crop, is of the best quality; ears and foliage large; it is the best-known variety for the home- and market-garden.

The crop of Sweet Corn for seed this year is very short. Order early so you will not be disappointed.

Price, except where noted, pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.50, pk. \$4.75. If ordered to be sent by parcel post, add 10 cts. extra for the first pint or quart, and 2 cts. for each additional quart. Prices subject to change. Prices in quantity on application.



Rice's Early Evergreen  
Corn

**Mammoth White Cory.** The earliest and one of the sweetest Corns grown. Our stock of this popular extra-early Sweet Corn has been bred for earliness, size, and sweetness. We now offer it as the earliest of all Sweet Corns, and recommend it to all our customers who specialize in extra-early Sweet Corn. Mammoth White Cory usually produces two handsome ears on each stock, 7 to 8 inches long, having ten to twelve rows of broad, pearly white grains, tender and sweet, of the best table quality. (Supply very uncertain.) Pkt. 10 cts.,  $\frac{1}{2}$ pt. 30 cts., pt. 50 cts., qt. 85 cts.

**Howling Mob.** A large-eared, early Sweet Corn, ready for use about five days later than Mammoth White Cory, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with twelve to fourteen rows of pearly white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. (Supply very uncertain.) Pkt. 10 cts.,  $\frac{1}{2}$ pt. 30 cts., pt. 50 cts.

**Golden Bantam.** This variety is becoming each year more firmly fixed in popular favor because of its *extremely early character* and *vigorous growth* and it is actually the finest flavored of all Sweet Corns. It is pronounced by thousands of planters *the finest extra-early Sweet Corn* ever grown. The stalks are dwarf and sturdy in growth, bearing two or more ears well above the ground. The ears are 5 to 7 inches in length. (Crop very uncertain.) Pkt. 10 cts.,  $\frac{1}{2}$ pt. 30 cts., pt. 50 cts., qt. 85 cts.

**Peep-o'-Day.** One of the sweetest and most prolific extra-early, dwarf sorts.

**Premo.** One of the earliest dwarf varieties.

**Kendel's Early Giant.** Noted for its large size, fine quality and earliness.

**Minnesota.** Deservedly popular, both for market and family garden.

**Adams' Early.** Not a Sugar Corn, but grown extensively for market purposes.

**Rice's Early Evergreen.** Equal in quality and ten days earlier than Stowell's.

**Country Gentleman.** Distinct from other varieties; deep kernels.

**Stowell's Evergreen.** The standard for quality, and the best-known variety; a favorite with market-men. Always brings good prices on account of its extra-high quality and remains a long time in condition suitable for boiling.

**Zigzag Evergreen.** Irregular rows of narrow white grains.

**Early Mammoth Sugar.** A large early of best quality.

CORN CROP VERY UNCERTAIN. PRICES SUBJECT TO CHANGE. PRICES IN QUANTITY ON APPLICATION

## POP CORN

**White Rice and Golden Queen.** The only difference is in color. Both varieties pop freely. Pt. 10 cts., qt. 20 cts., 2 qts. 35 cts.



## TABLE BEETS

One ounce to 50 feet of drill; 5 to 6 pounds to the acre in drills  
Liberal packets, 5 cts. each

Beets are so easy to grow you should plant at least a row or two in your garden. They may be cooked and sliced for salads; buttered beets are delicious; a few jars of pickled beets will be a treat in the winter. If you like greens you will appreciate Beets and Swiss chard. Sow as early as the ground can be prepared. For fall and winter use make a later sowing.

**Crosby's Egyptian.** The best for early market; as early as the original strain of Egyptian; is thicker and less inclined to push up a woody neck as it advances in growth. The Beets are fine-grained, tender and cook to a beautiful color. Fine for market. Pkt. 5 cts.,  $\frac{1}{2}$ oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$2.

**Detroit Dark Red.** Form globular or ovoid; smooth roots, with small tops; skin blood-red; flesh dark red, zoned with a lighter shade, tender and sweet. Deservedly a popular favorite for canning, because of its extra-deep dark red color. Pkt. 5 cts.,  $\frac{1}{2}$ oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$2.

**Eclipse Blood Turnip.** Very early, round, smooth and dark red. Flesh is remarkably tender, fine-grained, and of excellent flavor. Pkt. 5 cts.,  $\frac{1}{2}$ oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$2.

## SWISS CHARD, or SPINACH BEET

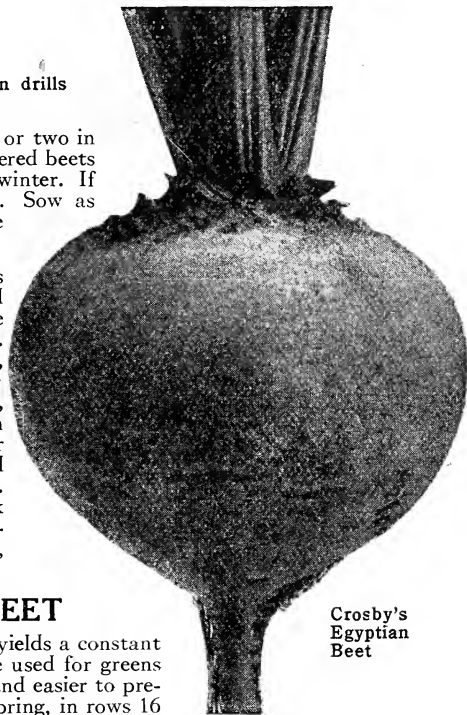
This fine vegetable gives large returns for little care; it yields a constant crop from July until winter. The leaves of Swiss Chard are used for greens the same as spinach or beet tops; they are equal in quality and easier to prepare than spinach, and far superior to beets. Sow early in spring, in rows 16 inches apart, and thin out to 6 inches apart in the rows. It can be used all summer when spinach is not available. Later the leaves grow very large, with broad, flat, pure white stems, and midribs, which may be cooked like asparagus or made into very good pickles. Try this splendid vegetable and you will always plant it. An ounce or two of seed is sufficient for the family garden. Pkt. 5 cts.,  $\frac{1}{2}$ oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$2.

## MANGEL-WURZEL AND SUGAR BEETS

The value of Sugar Beets and Mangels for stock-feeding is clearly seen in the improved health and condition of the animals, the increased flow and quality of milk from cows, and the saving in fodder. They yield enormously and can be grown at trifling cost. Everyone who keeps even one cow should grow a patch of either Mangels or Sugar Beets for winter feed. Sow in May and June, 5 to 6 pounds to an acre.

**Golden Tankard.** Yellow flesh; large and sweet; a heavy cropper. Oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.  
**Long Red Mammoth Prize.** Attains enormous size; the most popular variety. Oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

**Sugar, Lane's Imperial.** White-fleshed, productive; fine for stock or table. Oz. 15c.,  $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Crosby's  
Egyptian  
Beet



Swiss Chard, or Spinach Beets

## CARROTS TABLE VARIETIES

There is great variation in the strain of Carrot seed offered, and it will pay you to buy stocks that are true to type in shape and color. Our trial-ground tests showed our stocks to run remarkably even, roots being smooth and of rich color. Carrots are so easy to grow, may be used in so many ways, and keep so well in the cellar during the winter that every home-garden should have at least a short row. They add flavor to soups and are fine creamed.

Liberal packets, 5 cts. each

**Danvers Half-Long.** The best sort for the family garden; grows 6 to 8 inches in heavy soil; roots dark orange in color. Oz. 20 cts.,  $\frac{1}{4}$ lb. 65 cts., lb. \$2.

**Improved Long Orange.** Excellent for stock or table use; roots deep orange, 12 to 15 inches long, in rich soil. Oz. 20 cts.,  $\frac{1}{4}$ lb. 65 cts., lb. \$2.

**Oxheart, or Guerande.** Roots short and thick. Oz. 20 cts.,  $\frac{1}{4}$ lb. 65 cts., lb. \$2.



Copenhagen Market Cabbage

## CABBAGE

### New Early Copenhagen Market

The type is thoroughly fixed, the heads maturing all at the same time, this being a great consideration to market-gardeners, entailing less labor in harvesting the crop, and allows the ground to be cleared at the first cutting. The heads average about eight pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield to the acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants can be set closer than other varieties of similar size. Pkt. 10 cts., 1/2oz. 35 cts., oz. 60 cts., 1/4lb. \$2, lb. \$7.50.

Liberal packets, 5 cts. each, except where noted

**Burpee's All-Head Early.** Deep flat heads; sure header. Oz. 40 cts., 1/4lb. \$1.25, lb. \$4.50.

**Charleston Large Wakefield.** Large pointed heads. Oz. 40 cts., 1/4lb. \$1.25, lb. \$4.50.

**Danish Ballhead.** Very best winter sort, round head. Pkt. 10 cts., oz. 60 cts., 1/4lb. \$2, lb. \$7.50.

**Danish Round Head.** Very hard and heavy; short stem. Pkt. 10c., oz. 60c., 1/4lb. \$2, lb. \$7.50.

**Early Flat Dutch.** A good early variety. Oz. 40c., 1/4lb. \$1.25, lb. \$4.50.

**Henderson's Early Summer.** Standard variety. Oz. 40 cts., 1/4lb. \$1.25, lb. \$4.50.

**Houser.** (Crop failed.)

**Premium Late Flat Dutch.** The most popular late Cabbage grown. Oz. 40 cts., 1/4lb. \$1.25, lb. \$4.50.

**Early Jersey Wakefield (Rice's Selected).** Extra early. Oz. 40 cts., 1/4lb. \$1.25, lb. \$4.50.

**Early Winnigstadt.** The heads are cone-shaped; a very popular variety. Oz. 40 cts., 1/4lb. \$1.25, lb. \$4.50.

**Rice's Sure - Head.** Finest late Cabbage. Oz. 40 cts., 1/4lb. \$1.25, lb. \$4.50.

**Red Rock (Henderson's Mammoth).** Best red sort. Oz. 40 cts., 1/4lb. \$1.25, lb. \$4.50.

**Savoy Perfection Drumhead.** Best of the Savoy. Oz. 40 cts., 1/4lb. \$1.25, lb. \$4.50.

## CHINESE CABBAGE (PE-TSAI)

A NEW VEGETABLE WHICH SHOULD BE GROWN IN EVERY GARDEN

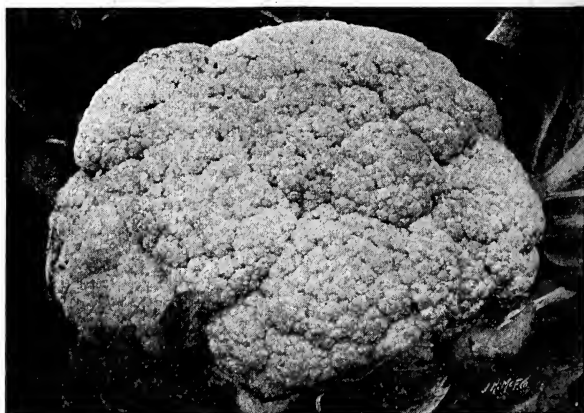
This delicious vegetable is also known as "Celery Cabbage," "Chinese Lettuce," etc. It is a species of Cabbage with a fine, delicate flavor, resembling a stalk of celery more than a Cabbage head. It is as tender as head lettuce, with a mild and delicate flavor; excellent as a salad or cole-slaw, and if cooked quickly (being very tender) it is much better than Cabbage or turnips.

It is a cool-weather plant, being sensitive to extremely hot weather and can be grown to best advantage in early spring and fall. The plants should be transplanted when small, same as late Cabbage, allowing 18 to 20 inches between plants. You should try it this year. Pkt. 10 cts., 1/2oz. 35 cts., oz. 60 cts., 1/4lb. \$1.75.

### Cauliflower, Henderson's

#### Early Snowball

This is undoubtedly the finest variety ever introduced; it is the earliest, and produces beautiful snow-white heads of the most delicious flavor. A splendid market variety. The seed we offer is pure and genuine, and sure to prove satisfactory. The culture of Cauliflower is very similar to that of cabbage. It is best to select new ground, as it does not succeed where other vegetables have been grown year after year. Pkt. 10 cts., 1/8oz. 45 cts., 1/4oz. 80 cts., oz. \$2.75.



Henderson's Early Snowball Cauliflower



## CELERY, Easy-Blanching

One ounce will produce 7,000 plants

**EASY TO GROW, EASY TO BLANCH, EASY TO KEEP**

A new variety of Celery with remarkable easy-blanching characteristics. Even those who have never been successful in growing good Celery may plant it with the assurance that the crop will equal in quality and appearance any Celery grown by the professional growers; and it will be found useful both for early use and for keeping during the winter months, characteristics which are extremely valuable in a Celery to be grown in the home-garden.

The plants make a quick, healthy growth and the stalks are thick, very tender and brittle, with a rich flavor which will quickly appeal to all who eat it. The ease with which it may be blanched, together with its long season for use, will strongly recommend it to the amateur gardener as well as the commercial Celery-grower. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.,  $\frac{1}{2}$ oz. 65 cts., oz. \$1.25,  $\frac{1}{4}$ lb. \$4.

### Giant Pascal Celery

**THE FINEST-FLAVORED CELERY GROWN**

Giant Pascal has a fine, nutty flavor and is crisp, tender, and a good keeper. Unfortunately, this grand Celery requires careful attention during the growing season. It, as well as other Celery, must be sprayed early and often to prevent blight and keep in control the Celery beetle. This variety should not be transplanted to the field until the middle of July. It is a winter Celery and not suited for summer or early fall use. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$ lb. 65c., lb. \$2.25. Prices of the following varieties, except where noted, pkt. 5c., oz. 25c.,  $\frac{1}{4}$ lb. 65c.

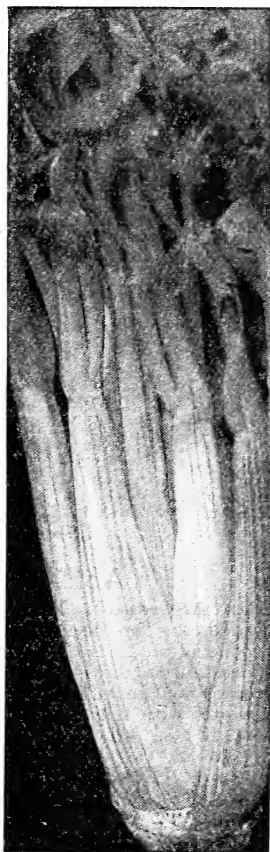
**Dwarf Golden Heart.** An excellent and reliable variety.

**Dwarf Golden Self-blanching.** French-grown. Oz. \$1.25,  $\frac{1}{4}$ lb. \$4.

**Improved White Plume.** Very early; silvery white leaves.

**New Rose.** Best of all red varieties; fine keeper.

**Winter Queen.** Fine winter variety; very popular and reliable.



Easy-Blanching Celery

## CUCUMBER

One ounce will plant 50 hills;  
two pounds will plant an acre

**Davis Perfect.** Plant the Davis Perfect, and you will raise in the open ground Cucumbers that will sell in any market at the same price as the high-priced hothouse forcing Cucumbers. As now selected, this popular new variety is well worthy of praise. The long, even fruits are of fine form, with an intensely dark, rich green skin; has very few seeds; solid, white flesh, of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market—often being taken for "hothouse-grown." The vines are of strong growth and quite prolific. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

**Early Fortune.** The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits 8 inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Prices of the following varieties, pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25

**Boston Pickling.** One of the best for pickling.

**Fordhook Pickling.** Very prolific variety.

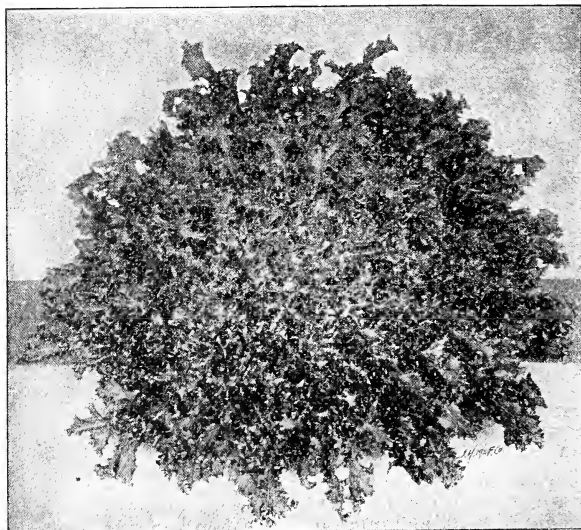
**Early Cluster.** Fruit small; light green.

**Long Green Improved.** Standard sort.

**White Spine, Arlington Improved.** Very reliable for all purposes.



Davis Perfect Cucumber



Green Curled Endive

## ASPARAGUS

**Giant Argenteuil.** Of all the varieties that we have tried, this has been found to excel, both from a point of productiveness, tenderness, earliness, and resistance to diseases. It is the one variety that succeeds well in all soils and climates. Color pure white, with a greenish purple tip. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

## BRUSSELS SPROUTS

**Carter's Perfection.** A species of cabbage; cultivation is the same. A new variety of fine quality and compact growth. Pkt. 5c., oz. 35c.,  $\frac{1}{4}$ lb. \$1.

## CORN SALAD

**Large Green-Cabbaging.** Liked as a substitute for lettuce. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$ lb. 20c., lb. 60c.

## DANDELION

**Improved Broad-leaved.** A new strain, highly recommended for market-gardens. Pkt. 5 cts., oz. 45 cts.,  $\frac{1}{4}$ lb. \$1.50.

**Cultivated, or French Common.** Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts.

## EGGPLANT

**Black Beauty.** The earliest large variety. Pkt. 5 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.75.

**New York Improved Purple Spineless.** Pkt. 5c., oz. 40c.,  $\frac{1}{4}$ lb. \$1.50.

## GARDEN CRESS

**Extra-curved, or Pepper Grass.** Its very desirable pungent taste is acceptable to most anyone who is fond of garden greens and garnishes. It is eaten as gathered, prepared with either a little salt and vinegar, or without; makes a very tasty salad. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 25 cts.

**Water Cress.** Pkt. 5 cts.,  $\frac{1}{2}$ oz. 25 cts., oz. 45 cts.,  $\frac{1}{4}$ lb. \$1.35.

## ENDIVE

One ounce will sow a row about 200 feet long

**Giant Fringed.** (Oyster Endive.) A strong-growing variety with a large white heart and broad leaves, the heads frequently measuring 15 inches in diameter. Pkt. 5c. (large pkt. 10 cts.), oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

**Broad-leaved Batavian.** Heads large, leaves broad. Oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts.

**Green Curled Winter.** Hardest variety. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts.

**White Curled.** For early use. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts.

## KOHLRABI

### Turnip-Rooted Cabbage

It is regrettable that this splendid vegetable is not more widely used. We would suggest that you give it a trial and, if pleased with it, recommend it to your friends. The edible part is the turnip which grows above the ground. Prepared and served like turnips.

**Early White Vienna.** Best for general table use; flesh tender, white and of good flavor. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts.

**Purple Vienna.** Purplish blue. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts.

## GOURDS

**Dipper, Dish-Cloth and Japanese Nest-Egg.** Oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts.

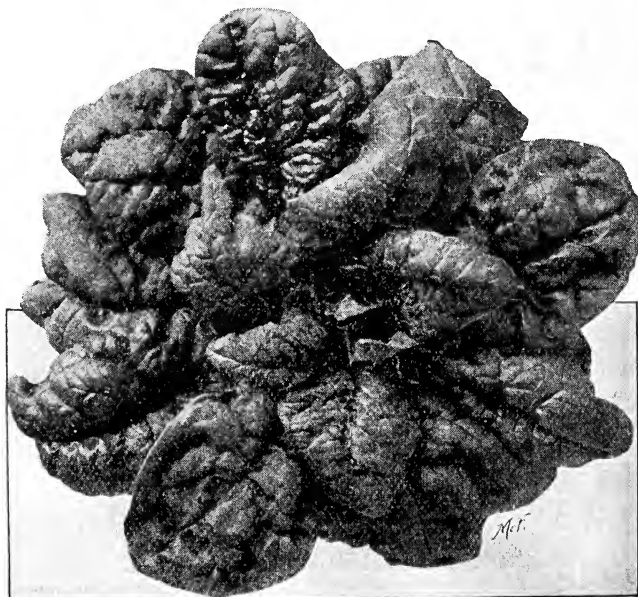
**Fancy Varieties Mixed.** Oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts.

## SPINACH

One ounce will sow a row about 100 feet long

**Savoy-leaved, or Bloomsdale.** Leaves are very curled and crumpled. It is early and very hardy, being splendid for winter use. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

**Victoria.** The leaves are very dark green and of the true savoy type. It is later than Long Standing and slow to run to seed. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.



A perfect plant of Bloomsdale Spinach





May King and California Cream Butter Lettuce

## LETTUCE

One ounce will produce  
1,500 plants

Liberal packets, 5 cts. each

### ***Buist's Veribest Cabbage-Head.***

This is without doubt the best early cabbage Lettuce on the market, and is unsurpassed for general home use or market-gardening, either for forcing or sowing in the open ground early in the season. It forms a beautiful solid head, which is very crisp and tender; outer leaves light green, with beautiful crumpled yellow inside leaves; of a rich buttery flavor, absolutely free from any bitterness and will not turn red from cold. It can be sown broadcast in September and transplanted in coldframes for heading during winter. It is an excellent shipper and a good keeper. Oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$2.

**California Cream Butter.** Strictly cabbage-heading and very slow to seed. Head compact, firm and well blanching; color dark, rich, glossy green; quality excellent; very buttery, sweet and with thick, soft leaves of much substance. Oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50. (See illustration.)

**May King.** Heads extra large and solid; green outside, but heart clear yellow; very desirable. Oz. 15c.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50. (See illustration.)

**Black-seeded Simpson.** The most popular and earliest Lettuce for the home or market-garden. It does not form a head but a compact mass of leaves, tender, crisp, and of excellent quality; stands heat and outdoor forcing. Oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**Early Prizehead.** This old standard variety is still the best of the large, thin-leaved, clustering sorts for the home-garden, but it is not a good kind to ship long distances, as the leaves are so tender that they are easily spoiled in handling. The leaves are very large, crimped, bright green, tinged with brownish red, and are exceedingly tender, crisp and sweet, forming a large, loose head. Oz. 15c.,  $\frac{1}{4}$ lb. 50c., lb. \$1.50.

**Grand Rapids Forcing.** This variety is especially adapted to greenhouse and hot-frame culture; it is of rapid, upright growth and may be planted close. Oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

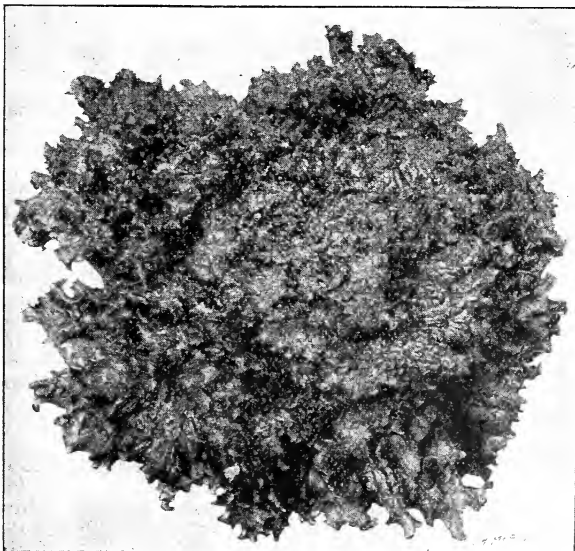
**Big Boston.** A most desirable variety, either for forcing in coldframes or open-ground planting; always produces large, solid heads. Oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**Hanson Improved.** Extensively grown by market-gardeners, as it is always sure to make large, handsome heads of excellent quality; inner leaves white. Oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**Crisp as Ice.** A slightly elongated, medium-sized, compact-heading variety; leaves very broad, somewhat blistered and crumpled, and very thick and stiff; outer leaves variegated dark brown and green, the brown predominating; quality excellent. Oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**Paris White Cos, or Romaine.** Blanches very nicely; upright grower. Oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Sow Lettuce frequently to keep up a rotation



Black-Seeded Simpson Lettuce

## MUSKMELON, or CANTALOUPE

One ounce will plant about 80 hills

The following varieties are too well known to need descriptions.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. \$1

**Burpee's Netted Gem**, or **Rocky Ford**, **Emerald Gem**, **Jenny Lind**, **Irondequoit**, **Hackensack**, **Extra-Early**, **Miller's Cream**, **Paul Rose**, **Perfection**, **Tip-Top**.

## WATERMELON

One ounce will plant  
50 hills

The following varieties are too well known to need descriptions.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. \$1

**Cole's Early**, **Fordhook Early**, **Tom Watson**, **Halbert Honey**, **Kleckley Sweets**, or **Monte Cristo**.

## PARSNIP

Liberal packets, 5 cts.

**Large Sugar**, or **Hollow Crown**. Standard variety. Oz. 10 cts.,  $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

## SALSIFY, or OYSTER PLANT

This plant is used as a substitute for oysters, and we like it fully as well as the oysters themselves. It is used either in soup or scalloped with best results. Before the ground freezes the roots should be dug and stored as you would other root crops. Light freezing greatly benefits the flavor.

**Mammoth Sandwich Island**. Pkt. 5 cts. (large pkt. 10 cts.),  $\frac{1}{2}$ oz. 20 cts., oz. 35 cts.,  $\frac{1}{4}$ lb. \$1.

## TURNIP

Liberal packets, 5 cts. each. Turnip seed crop is very short and seed is hard to get at any price

**Red- or Purple-Top Strap-Leaf**. Best-known variety. Oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

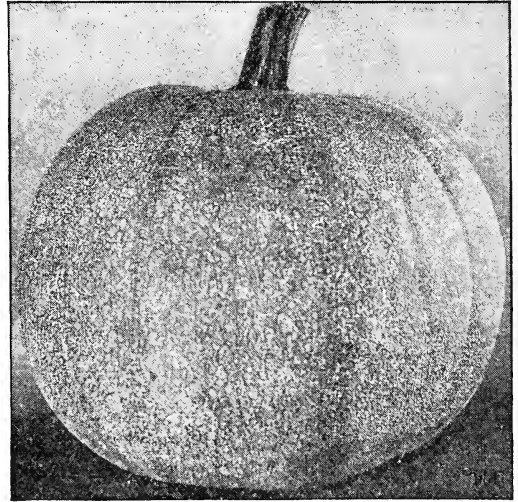
**Red-Top White Globe**. A popular market sort. Oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$2.

**White Egg**. Pure white; egg-shaped; early or late. Oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



A section of Mr. M. B. Fuhrman's war garden

Winner of the "City Beautiful" Contest Prize in 1916, and Williamsport War Garden Prize in 1917. It was planted with our seeds, and shows the advantage of planting in straight rows. The garden looks better and it is more easily cultivated and kept clean.



Winter Luxury Pumpkin

TURNIP, continued

**Yellow Globe**. Oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

**Cow Horn**, **Long White**. A valuable soil-enricher. Oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

**RUTABAGA, Improved American**. Purple top, yellow skin. Oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$2.

## PUMPKIN

Liberal packets, 5 cts.

**Connecticut Field**. The popular field variety. Oz. 10 cts.,  $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

**King of the Mammoths**. The giant among Pumpkins. Oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**Livingston's Cushaw**. Mottled green and white-striped. Oz. 15 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**Small Sugar**. The New England pie Pumpkin. Oz. 10 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**Winter Luxury**, or **Sugar Pie**. Round, medium in size, with a golden-yellow skin closely netted like a netted muskmelon; of fine quality and an exceptionally good keeper. A superior pie Pumpkin. (Crop failed.) Pkt. 10 cts.

## PARSLEY

**Champion Moss Curled**. The leaves are a uniform deep green color, very finely cut and so closely curled as to resemble bunches of moss; one of the most useful and decorative sorts. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

## PEPPER

One ounce will produce  
1,500 plants

**Ohio Crimson Giant**. This new Pepper has proved to be one of the best of the large-fruited sweet varieties. It is as large as Chinese Giant, and much earlier and more prolific. Pkt. 10 cts., oz. 60 cts.,  $\frac{1}{4}$ lb. \$2.

**Chinese Giant**. The largest and finest mild red variety. Pkt. 10 cts., oz. 60 cts.,  $\frac{1}{4}$ lb. \$2.

**Large Bell**, or **Bull Nose**. Large, mild, and thick-skinned. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.75.

**Long Red Cayenne**. A small, long, bright red sort. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.75.

**Mammoth Golden Queen**. Mild and pleasant. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.75.

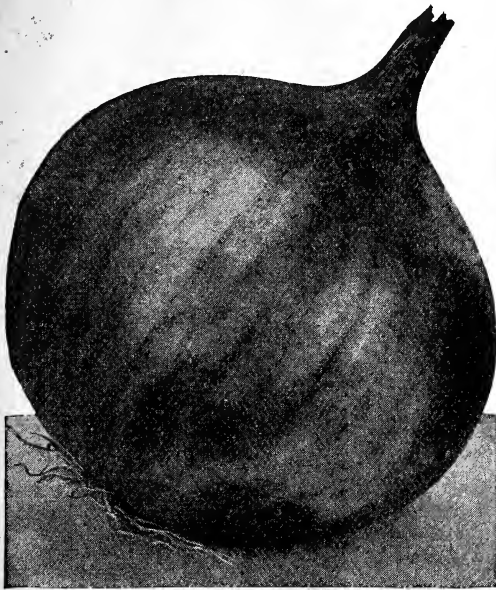
**Ruby King**. Flesh is thick, sweet, and mild. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.75.



## ONION SEED

One ounce will plant 100 feet of drill; 5 to 6 pounds in drills for an acre. For sets, from 50 to 60 pounds should be sown to the acre, according to the richness of the soil

Liberal packets, 5 cts. each



Yellow Globe Danvers Onion

**Yellow Globe Danvers, Our Finest Strain.** This is the product of years of careful selection, and is the most perfect type of the Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. This, our special strain, is all grown from selected, hand-picked bulbs, none but those perfect in size and shape being set for seed, and the product will be just as perfect in all points. Oz. 50c.,  $\frac{1}{4}$ lb. \$1.75, lb. \$6.

**Yellow Globe Danvers.** Undoubtedly the best known and most popular of all Onions; the earliest yellow variety; is entirely free from stiff necks. Globular in shape; has a small top. It is the most productive, producing as high as 1,000 bushels to the acre, and will average on good soil, with proper culture, 700 to 800 bushels. Oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.50, lb. \$5.

**Prizetaker.** This variety excels every Onion now existing in beauty, size and productiveness, and equals the best in quality. The color is a bright straw, and it always grows to a uniform shape, which is nearly a perfect globe. Our seed is the choicest American-grown, and not imported Spanish King as sold by some dealers at low prices under the name of Prizetaker. Oz. 60 cts.,  $\frac{1}{4}$ lb. \$2. Supply limited.

**Large Red Wethersfield.** Onion-growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form; skin deep purplish red; flesh purplish white. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

**White Portugal, or Silverskin.** A large, flat, white Onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling. Oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.35, lb. \$4.25.

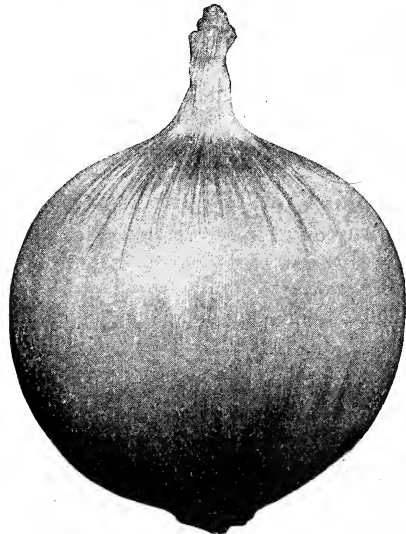
**Philadelphia Yellow Dutch, or Strasburg.** The sets of this variety grow round, plump and bright. Full-sized Onions are somewhat flattened; flesh pure white, mild-flavored and an excellent keeper; skin bright yellow. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1.25, lb. \$4.

**White Queen Pickling.** A very good early-maturing pickling Onion. Pure paper-white; from 1 to  $1\frac{1}{2}$  inches in diameter; of very mild and delicate flavor; fine for bunching for the early market; also for pickling. Oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.35, lb. \$4.25.

**Southport Large Red Globe.** Large and handsome, globe-shaped, and in color a purplish crimson. It is a good keeper and always realizes high prices. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1.25, lb. \$4.

**Southport White Globe.** A large, globe-shaped Onion; firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Oz. 60 cts.,  $\frac{1}{4}$ lb. \$2. Supply limited.

**Southport Yellow Globe.** Like the well-known White Globe except in color of skin; of large size. An excellent keeper; fine for market. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1.25, lb. \$4.



Southport White Globe Onion

## ONION SETS

**White and Yellow Onion Sets.** Grown from our select strains of Onion seed. The price per bushel is subject to change with the market. Write for quotations.

GROWERS OF THIS VEGETABLE WILL FIND INTERESTING READING IN OUR BOOK, "PROFITABLE ONIONS," FREE ON APPLICATION

## RADISHES

One ounce will sow 100 feet of drill

The small, round, short-top Radishes of the red and white-tipped sorts are the quickest in maturing. Our strains of the white-tipped varieties are unsurpassed; they are bright red, with pearly white bottoms, crisp and tender. The second-early or finger Radishes include such varieties as Long Scarlet Short-Top and Long Bright Scarlet, which are the best of the red sorts. Of the white varieties, Long Icicle is supplanting all other varieties because of its excellent, superior quality. It is, without doubt, the tenderest, crispest and best flavored of the Radishes, and each year grows in popularity. French Breakfast is the ideal olive-shaped Radish. The summer varieties, those best suited to withstand the dry, warm weather of summer, are the Long Chartier, White Strasburg and Lady Finger. The most popular of the winter varieties is the White Chinese (Celestial), which is the largest and best known, producing large roots, clear white in color. The Rose Chinese is a Radish of medium size; the skin is a deep, bright rose. These Radishes do not succeed from spring sowing, but make fine, large Radishes from seed planted the last of July, to come on for the market during the cool winter months.

Radishes to be crisp and tender, must be grown quickly in rich, loose soil and gathered before reaching full size, as they soon become soft and pithy; this is especially so of the small, turnip-shaped varieties—the long varieties will “stand longer.” Seed should be sown thinly in drills when the trees are starting in leaf, and successive plantings made one week apart.

Prices, except where noted, pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.50

**Scarlet Turnip, or Button.** Early and crisp.

**Early Scarlet Turnip, White-tipped.**

**Extra-Early Scarlet Turnip, Forcing.** Small top. Oz. 20 cts., ¼lb. 60 cts., lb. \$1.75.

**Extra-Early Scarlet Turnip, White-tipped, Forcing.** Oz. 20 cts., ¼lb. 60 cts., lb. \$1.75.

**Philadelphia White Box.** Beautiful white; round.

**Scarlet Button (Burpee's Earliest).** Excellent forcing variety.

**French Breakfast.** Pink; olive-shaped.



Long Icicle Radishes

**Long Brightest Scarlet.** Crisp and of rapid growth.

**Long Chartier.** Tender and crisp; best for summer.

**Long Icicle.** The finest white variety.

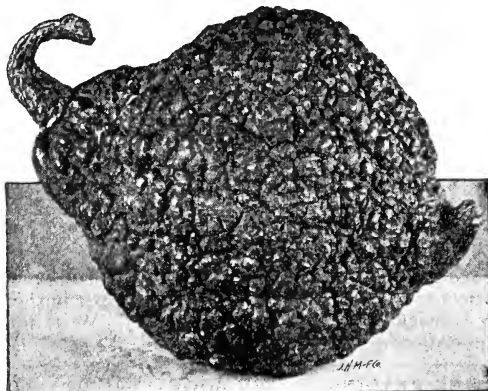
**Long Scarlet Short-Top.** Standard.

**Long White Lady Finger.** Finest for summer sowing.

**Long Round and Black Spanish.** Fall or winter.

**Rose China Winter.** For fall and winter use.

**White Chinese, or Celestial.** For fall and winter use. Oz. 20 cts., ¼lb. 60 cts., lb. \$1.75.



Chicago Warty Hubbard Squash

## SQUASH

Liberal packets, 5 cts. each

**Boston Marrow.** Fine fall variety. Oz. 10 cts., ¼lb. 30 cts., lb. \$1.

**Mammoth White Bush, Scalloped.** Summer sort. Oz. 10 cts., ¼lb. 30 cts., lb. \$1.

**Golden Summer Crookneck.** Standard variety. Oz. 10 cts., ¼lb. 30 cts., lb. \$1.

**Chicago Warty Hubbard.** A superior strain. Oz. 15 cts., ¼lb. 40 cts., lb. \$1.25.

**Golden Hubbard.** Earlier than Warty Hubbard; equal in quality. Oz. 15 cts., ¼lb. 40 cts., lb. \$1.25.

**Fordhook.** A small, oblong variety, excellent for summer or winter; yellow; flesh very thick; extremely dry and sweet. Oz. 15 cts., ¼lb. 50 cts., lb. \$1.50.

**Mammoth Chili.** The largest variety, attaining under high cultivation an enormous size. Oz. 15 cts., ¼lb. 50 cts., lb. \$1.50.



# TOMATO

One ounce will produce 1,500 plants  
Liberal packets, 5 cts. each

**Earliana, Extra-Early.** (Selected Stock.) Our special strain of this well-known early Tomato has been selected by an expert for earliness, making it possible for the grower to take advantage of the highest market. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1.

**Chalk's Early Jewel.** Within two weeks as early as the famous Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a sure cropper. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1.

**John Baer.** An early, productive, red Tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1.

**Red Rock.** A very fine selection of the Matchless type; medium early, round, smooth, and bright red; makes a good canning variety. Oz. 30c.,  $\frac{1}{4}$ lb. \$1.

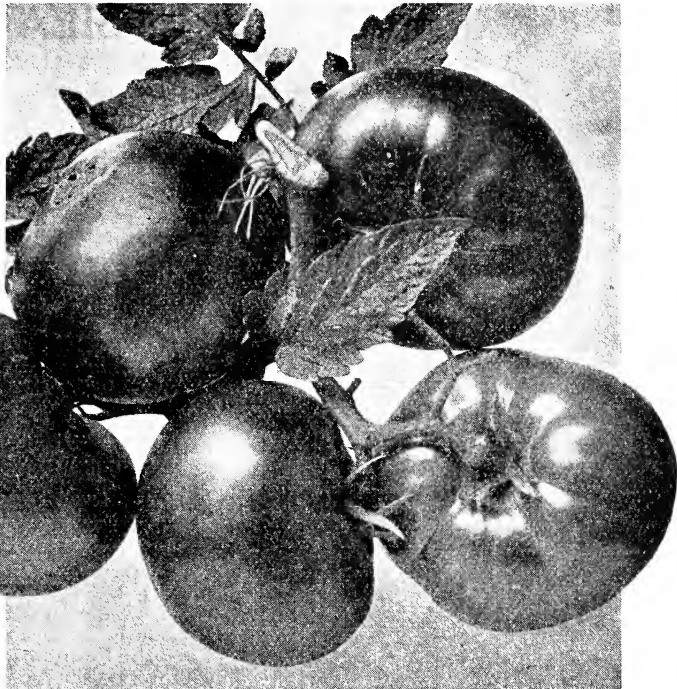
**New Stone.** A great favorite with gardeners; the heaviest and most solid-fruited of the large Tomatoes of good quality. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1.

**Dwarf Stone.** As early and nearly double the size of Dwarf Champion. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1.

**Crimson Cushion, or Beefsteak.** Crimson; extra large. Oz. 30c.,  $\frac{1}{4}$ lb. \$1.

**Ponderosa.** Very large, solid and of good flavor; specimens have been grown to weigh four pounds; color bright red. Oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.75.

**Truckers' Favorite.** The finest, large, purple-fruited sort. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1.

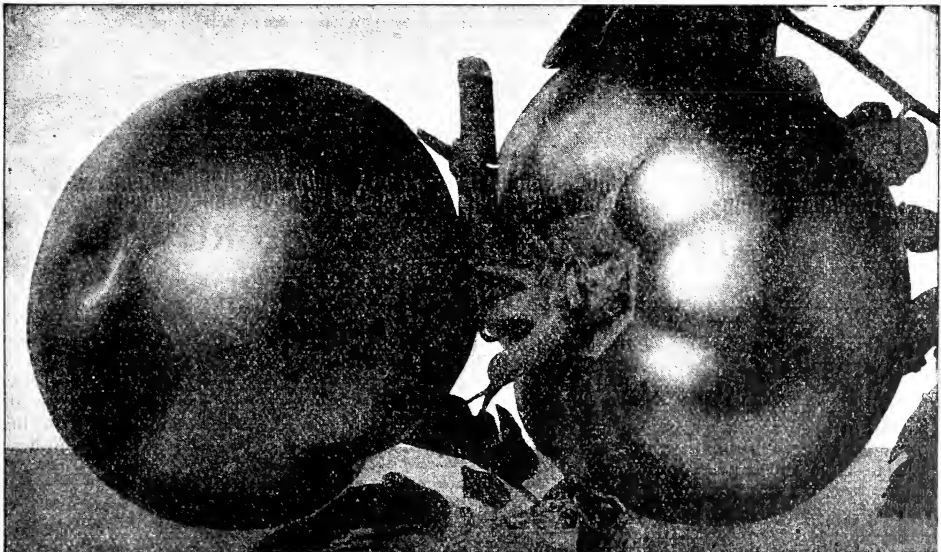


## BONNY BEST EARLY TOMATOES

This variety is a vigorous grower; enormously prolific. In shape it is slightly flattened but thicker through than most other Tomatoes. In color it is a beautiful scarlet-red, setting its fruit in clusters of five or more at close intervals. Makes a magnificent variety for slicing. A good early red-skinned variety for all purposes. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1.

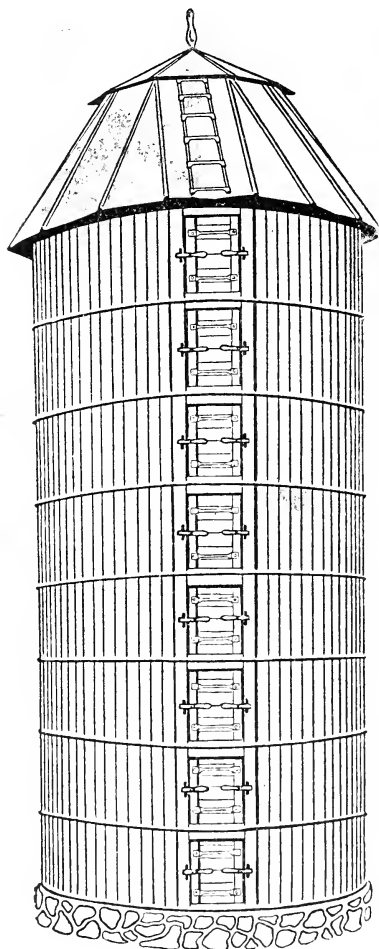
**Dwarf Champion.** Distinct in foliage and habit of growth, being compact and upright; fruit smooth; purplish red. Oz. 30 cts.,  $\frac{1}{4}$ lb. \$1.

**Golden Trophy, Pear-shaped Red and Pear-shaped Yellow, Red Cherry.** Oz. 30 cts.



Red Rock Tomatoes

## ENSILAGE SEED CORN



**NAPPANEE SILOS**

The biggest value for the money on the market; made of the world's best lumber—Oregon Fir and Long-Leaf Yellow Pine, properly seasoned and selected. The leading features of the Nappanee Silos are: storm-proof, furnished with top and base anchor; round malleable-iron lugs; the doors have a "man's size" opening; the only air-tight combination self-draining splice; hip-roof rafters; they hold more silage than others and fill from the top. If interested in Silos, come in and talk the matter over. "Buy a Nappanee—get a guarantee."

All authorities agree that the silo is the best method of furnishing a succulent, palatable, cheap feed for all kinds of live-stock on the farm. Where much dairying is done, it is indispensable.

We look with pleasure upon the number of silos erected in Lyscoming County and vicinity in the past years, and join in recommending all farmers to erect a silo as soon as possible.

We are firmly convinced it is the most economical method of handling the Corn crop; first, because it insures a larger yield of greater feeding value per acre; second, because there is less waste to the crop; third, because it provides a succulent, palatable, digestible feed during seasons of the year when milk commands its highest price and when other forms of green, succulent feed are not available.

**The Farmer and the War.** This season the world expects much from the American farmer; on him depend the lives of unnumbered thousands and the successful prosecution of the war. Our civilization is staked, as it were, upon his success, for without an adequate supply of food our soldiers will be unable to uphold the traditions of our flag. The army behind the trenches—in the mills, mines, and factories, and on the railroads—will operate at a disadvantage if not properly nourished, and this will jeopardize the success of our armies and the lives of our countrymen.

The American farmer has a double duty to perform. The eyes of the nation and of the world are upon him. Will he rise to the occasion? In the past he has never failed to meet a crisis, and we are justified in feeling certain he will do his duty in this, the most stupendous crisis in modern history. We feel confident in resting our case upon the intelligence and ability of the American farmer.

**Corn the Foundation of Good Farming.** No other crop offers such great possibilities as Corn in replenishing the world-shortage of food. It is high in protein, fats, sugar, and starches—the essential elements demanded by man and beast in doing the heavy labor of the world. Coming up from the soil and air in one hundred to one hundred and twenty days, these golden nuggets are far more necessary to the welfare of man than the highly prized metal and medium of exchange.

**Good Seed.** Special emphasis should be laid upon having good seed this season. Do not take it for granted, because your Corn in past seasons germinated well, that it will do so this year. Seventy-five per cent of last season's crop was soft and unfit for seed. The portion that did mature contained from 30 to 40 per cent of moisture. If it was not carefully cared for, the early freeze damaged it to such an extent that it is unfit for seed. The wise farmer will test his seed early this season. In case the seed does not germinate well, he can purchase other seed. Good seed will be scarce and sold at a premium, and the longer he puts off purchasing, the more it will cost.



## GETTING AHEAD OF THE CROWS

Every season the crows do inestimable damage to the Corn crop by pulling up the young shoots. Many devices and remedies are tried with varying success, each having its limitations.

Fortunately there is now a simple and sure method for preventing the depredation of the elusive crow. Put the dried, shelled Corn in a pail and add just enough Pyrox paste lightly to coat each kernel. The Pyrox should be vigorously stirred before being added to the Corn, as the stirring reduces the Pyrox to a creamy consistency, in which form it makes the best coating for the kernels. Stir the Corn vigorously with a wooden paddle until every kernel is lightly coated with Pyrox. About one pound of Pyrox is sufficient for an ordinary painful of Seed Corn. In about ten minutes the moisture in the Pyrox will have been absorbed and the Corn may be used in the planter. Crows will not pull or touch Corn so treated, and this simple process will save the time and expense of replanting.

**Grow Your Own Vegetables.** Cut down your living expenses. And remember, manure and fertilizers, together with thorough cultivation, make things grow, producing immense crops at small expense.

READ ALL ABOUT PYROX ON PAGE 30



## Grand Prize Ensilage Seed Corn

SOMETIMES SOLD AS SWEEPSTAKES, or WEST BRANCH

Owing to unsettled conditions prices of all Seed Corn are subject to change without notice

This Corn originated in Lycoming County. Formerly a White-Cap Yellow Dent, it has become mixed with other varieties until now a type of its own has become established. It is sold by seedsmen not located here under various names, such as Sweepstakes, West Branch, and Clancy Corn. Grand Prize Ensilage purchased from us is the genuine stock grown on the Susquehanna river-bottoms in Lycoming County within a few miles of its original home; and it has never failed to mature properly for seed purposes.

The stalks are very large and heavy and full of foliage, 12 to 14 feet high. The ears are large, 10 to 12 inches in length, 8 or more inches around, containing twelve to fourteen rows of deep golden yellow grains, sometimes white-capped, having a decided reddish cast. It is one of our best yielders and producers, yielding an enormous tonnage per acre of both stalks and ears, making an ensilage of the highest quality and on account of its early maturing very desirable for the northern sections of Pennsylvania and New York. Its merits have been recognized by Farm Bureau Agents wherever it is known; hence its great popularity. Pk. \$1.10, bus. \$4.

Mr. J. L. E. McCord, Jefferson County Farm Bureau Agent, writes: "The Grand Prize (Sweepstakes) variety showed up exceptionally well and, if it had not been for the early frost in September, the quality of ensilage would have been excellent. The other three varieties are not adapted to our conditions and they were barely in silk when the frost caught them."

Mr. D. M. Brown, Elkland, Pa., on whose farm a variety test was conducted under the supervision of Mr. Perry, Tioga County Farm Bureau Agent, wrote us on December 29, 1917: "Your Grand Prize (Sweepstakes) was matured when cut for silage, while the Blue Ridge was not fully developed, but made an enormous growth. Be sure and save me 8 bushels of Grand Prize."

Mr. E. J. Perry, Tioga County Farm Bureau Agent, wrote on November 28, 1917: "I wish to say that of the several varieties of silage Corn in the field test it was evident beyond question that the variety which showed the best yield and maturing qualities, and which seemed superior in every respect was the Grand Prize (Sweepstakes). Many of the farmers of our county have grown this variety for the past several years and seemed to be well pleased with it."

## Improved Golden Dent Ensilage

VIRGINIA-GROWN

We offer this as the best Yellow Ensilage Corn we can find. The grower says: "We have been carefully growing and selecting this Corn for several years until now we have in it the most prolific and hardy yellow Corn to be had for the South. It is not a flint variety, but being a moderately hard Corn, does not rot in the fields as do many varieties of yellow Corn. It is exceptionally early, maturing fully two weeks ahead of Eureka, or as early as Blue Ridge." Pk. \$1.35, bus. \$5.

## Blue Ridge Ensilage Seed Corn

A NEW VARIETY OF ENSILAGE CORN OF GREAT MERIT

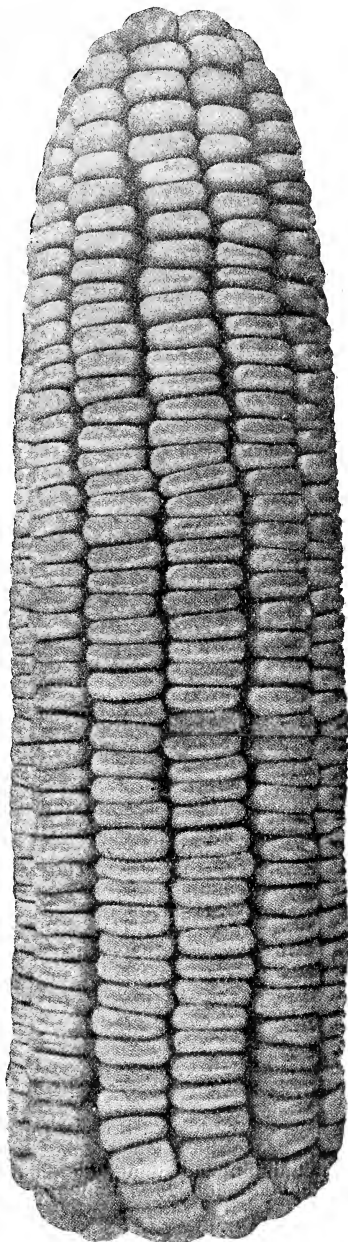
Blue Ridge Ensilage is at least three weeks earlier than its famous prototype, Eureka Ensilage, with all its good qualities and none of its faults. It is a product of the Blue Ridge Mountains of West Virginia, bred for earliness so as to give a glazed ear in this locality at harvest-time. It grows 12 to 14 feet high, on a thick, heavy stalk. Well filled with leaves which retain their color well to the ground until harvested. The ears average 10 to 12 inches long, the grain is broad, thick and white, containing an unusual amount of sugar, making this variety the ideal Ensilage Corn, insuring an appetizing and good-keeping silage. (See illustration from an actual photograph, two-thirds natural size.) Pk. \$1.35, bus. \$5.

"Last year we used Blue Ridge Ensilage on our farm and had the finest crop in this section. It grew 12 to 14 feet high on hill land."—T. B. WILLEY, Bradford County.

**EARLY CARYSBROOK ENSILAGE.** A new variety of White Ensilage Corn we are introducing this season. The breeder of this Corn claims it is two weeks earlier than Eureka and a big yielder. It comes from Virginia, the home of White Ensilage Corns of big tonnage. Plant at least a small quantity of this variety this year for comparison test. Pk. \$1.35, bus. \$5.

**EVERGREEN FODDER.** Purely a Sweet Corn, and the best of all for fodder. Grows to an immense size, being very sweet and rich in saccharine matter. Pk. \$1, bus. \$3.50.

Our stocks of White-Cap Yellow Dent, Sure Crop, and other large-growing Corns are often planted for silage and prove very satisfactory



Blue Ridge Ensilage Seed Corn

**EUREKA ENSILAGE.** The largest Corn we know of; grows from 14 to 18 feet high on stalks 2 to 2½ inches in diameter and having a vast amount of foliage. If it is a question of tonnage on your farm, by all means grow the Eureka Ensilage Corn. It gives results and assures you a succulent, palatable cheap feed the year round. Pk. \$1.25, bus. \$4.50.

We test all our Seed Corn and the actual germination is marked on each lot to protect you in planting.

# NORTHERN-GROWN SEED CORN

MOST VARIETIES ARE LOCALLY GROWN, SELECTED BY HAND, AND GRADED

All our Seed Corn is tested for vitality before you get it, and the germination marked on the label

Plant 8 to 10 quarts to the acre in hills; sow 2½ to 3 bushels broadcast for fodder

Owing to unsettled conditions prices of all Seed Corn are subject to change without notice



Type of the Cojoco White-Cap Yellow Dent Corn

**COJOCO WHITE-CAP YELLOW DENT.** This Corn has been grown in Lycoming County for a period of twenty years, the last five of which it has been carefully bred by Mr. J. O. Coleman by the ear-to-row method and field selection of seed. The yield has thus been increased 20 per cent without special fertilization, excepting green cover crops of vetch, rye, and crimson clover; and by intensive cultivation. This Corn is thoroughly cured in specially prepared drying-racks; and in a normal year it matures before danger of frost and is especially adapted to moderately fertile soil and medium altitudes. (Supply limited.) Pk. \$1.35, bus. \$5.

**LITTLE'S WHITE-CAP YELLOW DENT.** (Lycoming County grown.) The White-Cap Yellow Dent Corns have always compared favorably with other types in comparative production. Our grower takes pride in having the best Corn; he is not only a grower but a breeder, and has been improving his stock for the past ten years until we believe it to be the highest pure-bred Corn in Lycoming County. Every ear was selected by hand. It grows 12 to 14 feet tall, the ears are large, 12 to 14 inches long, and 6 to 8 inches round. It will mature on the bottom land of Lycoming County and on account of its vigorous growth makes an excellent silage Corn farther north. Pk. \$1.25, bus. \$4.50.

**QUENSHENAUQUE YELLOW DENT.** An early-maturing Yellow Dent, grown and bred on the hills of Lycoming County. A Corn of good size and a sure-cropper. This Corn has never failed to ripen properly in its native habitat on the hills, up the Quenshenaque Run. It is a beautiful Yellow Dent with just enough White-Cap blood in it to give it strong vitality and early maturity. It matures in ninety to one hundred days; the stalks are 7 to 8 feet tall, and the ears 8 to 10 inches long. We feel safe in recommending this Corn to the growers on hill farms on account of its extreme earliness and strong vitality. Pk. \$1.35.

**LYCOMING EIGHT-ROWED DENT.** (Almost a Flint.) A local Corn of exceptional merit, resembling somewhat Hundred-Day Bristol. The grains are broad, beautiful yellow, with a small white cap slightly dented, having the blood characteristics of the Flint Corns. The ears are 7 to 10 inches long, the cob is small, the fodder is of good size (6 to 8 feet). It is early maturing, ninety to one hundred days, really a remarkable Corn for hilly farms where the Dent varieties are uncertain. Pk. \$1.25, bus. \$4.75.

**HALL'S GOLD NUGGET.** A beautiful, golden, eight-rowed Flint Corn, having extra-long ears well filled with broad, golden colored grains. It is by far the premier of the Flint Corns, beautiful to look at and a very good yielder. Flint-Corn growers can make no mistake in growing this variety. It is a winner wherever tried. Wherever shown in competition with other Flint Corns, this Corn always carries off the blue ribbon. Sold out.

**HUFFMAN'S WHITE-CAP YELLOW DENT.** Acclimated and grown in Lycoming County, this Corn has never failed to mature properly; vigorous habit, large foliage, and a sure cropper. The stock we offer is gilt-edged and hand-picked. The ears are large—9 to 11 inches and fourteen- to sixteen-rowed—well filled out and showing practically no gloss whatever, thus demonstrating its well-bred propensities. The grains are large, beautiful lemon-yellow, and white-capped. Pk. \$1.25, bus. \$4.75.

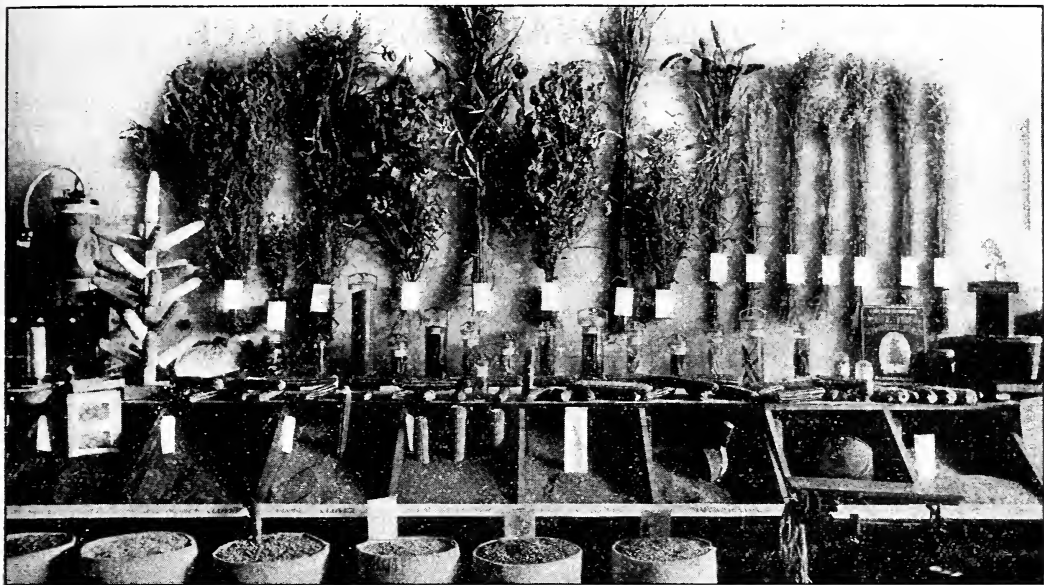
**LONGFELLOW FLINT.** This for a long time has been the popular eight-rowed Yellow Flint Corn. It is a very productive variety; ears 12 to 14 inches long and matures where the Yellow Dent fails. Pk. \$1.35, bus. \$5.

**GOLDEN SURE CROP.** (Lycoming County grown.) A Yellow Dent of superior quality, a heavy yielder, and does well under rough and ready farming. We are offering this year seed of this variety, acclimated and grown in Lycoming County, which we believe will give better satisfaction for grain purposes than that grown in Lancaster County. Pk. \$1.10, bus. \$4.

**LANCASTER COUNTY GOLDEN SURE CROP.** We have procured reliable seed stock from growers recommended to us by the Lancaster County Farm Bureau. This is a large-growing Corn, 12 to 14 feet high, with long ears and a large amount of leaves, making it an excellent silage Corn. Will not mature for grain in a short season in Northern Pennsylvania. Pk. \$1.35, bus. \$5.

**PRIDE OF THE NORTH.** A dependable early Yellow Dent Corn. In some sections it equals other varieties in yield and quality. Average height of stalk, 8 feet. Pk. \$1.35, bus. \$5.





This picture, taken in our store, shows the arrangement of our Farm Seed bins, a display of Legumes, Grains, etc., and jars containing vegetables preserved in alcohol

## SOY BEANS

### THE GREAT SOIL-IMPROVER

Soy Beans and Cowpeas can be grown in all parts of the country where dent corn succeeds and on a greater variety of soils than any other legumes.

**For the Silo.** It has been found that Soy Beans, planted in with the silo corn at the rate of fifteen to eighteen pounds to the acre and put in the silo with the corn, make a very rich ensilage, far superior to corn alone, as Soy Beans contain a high percentage of protein, which is lacking in the corn. We believe this method is far better than planting the corn and Soy Beans separately when intended for the silo; as it insures an equal distribution, which can not be obtained readily when they are planted separately and put in the silo alternately. Soy Beans may be grown for grain. When the grain is ground it makes a very rich feed, equal in feeding value to cotton-seed meal.

**Medium-Early Green.** For the northern tier of Pennsylvania counties, where the practice of sowing Soy Beans with the silo corn is becoming popular, it is advisable to have a variety of Soy Beans that will give the greatest amount of foliage and almost-matured grain at silo-filling time. In variety tests conducted in Susquehanna County under the supervision of the Farm Bureau Agent, Medium Green heads the list. This plant grows upright and produces an immense amount of foliage and is the heaviest producer of grain. Pk. \$1.50, bus. (60 lbs.) \$5.75. Price subject to change.

**Wilson.** This variety in some ways excels all others as a forage crop. The stalks and branches are slender and we think probably it would make the most hay and a little the best quality of any variety. It matures in 125 days. Sow forty pounds to the acre. Pk. \$1.50, bus. (60 lbs.) \$5.75.

## COWPEAS

**Whippoorwill.** Usually an erect grower and rarely climbs; matures early. One of the best for late planting. Bus. (60 lbs.) \$5, subject to change.

## CANADA FIELD PEAS AND OATS FOR FODDER

The Canada Field Pea should rightfully assume greater importance than it has at present. Many of our best farmers know and understand this, but very many do not. It is used both as a green feed and as a fertilizer, and in both places it deserves to occupy a very prominent position. As green feed sown with oats or barley early in the spring, it fills a place that no other plant which we have can occupy. The amount of feed produced on an acre is very large. It comes before any other good nutritious feed suitable for hay or soiling. It is greedily eaten by practically all kinds of stock, and is as nourishing as can be desired.

These make a fodder and hay which double the production of milk. They should be sown in March or April, the earlier the better, two bushels of Peas and two bushels of Oats to the acre. The Peas should be sown first, and plowed under about 4 inches deep, or drilled in where possible, same depth; the Oats are then drilled in, or sown broadcast and harrowed in. Ready for cutting about the latter end of June, when the Oats are in milk and the pods formed on the Peas. Nutritious and relished by all stock. Crop very short. Pk. \$1.50, bus. \$5.50. Prices subject to change.

## SAND or WINTER VETCH

**For Forage and Fertilizing Purposes.** It succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. If sown in the spring it can be sown alone or mixed with oats, spring rye or barley. If sown during August or September, winter rye serves as a good support. The root-growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Sow thirty to forty pounds to the acre with one-half bushel rye, oats or barley. Lb. 25 cts.

## IMPROVED DWARF ESSEX RAPE

VALUABLE FEED FOR CATTLE, SHEEP, AND HOGS

A forage plant of great merit, easily grown on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture at a season when it is most needed. Under ordinarily favorable conditions Rape is ready for pasturing sheep or hogs in about six weeks from date of sowing, and on the average, an acre will carry about fourteen sheep six to eight weeks.



Dwarf Essex Rape

Resolve now to employ Genuine Dwarf Essex Rape, as it is the right thing to do. Sow liberal quantities along with other grain. It will surprise you to find how clean it will keep your land, and what a quantity of green feed you have after the grain is harvested, which is the very time you want it. Sow about six pounds per acre if broadcasted, or four pounds if drilled.

Lb. 20 cts., 10 lbs. or more, 15 cts. per lb.

## SWEET CLOVER

This is a legume of immense value for soil-improvement. Sweet Clover can be grown on soil that is too poor to grow most other legumes and such soils may be greatly improved. On land containing some lime, Sweet Clover will give most satisfying results. Nitrogen is gathered in paying quantities. May be sown in spring or fall.

The best stands we saw last season were sown in the corn the last cultivation.

We offer a 12-page pamphlet telling all about Sweet Clover, by E. E. Barton, free on request

**SCARIFIED SEED.** This is a new treatment of hard seeds invented by the Iowa Agricultural College. The seeds are rubbed by machinery and the hard coat removed, making the seed respond more readily to the action of soil moisture, insuring a much better germination.

**White Blossom.** The largest of the Sweet Clover family; a great soil-improver; makes fine pasture and a good grade of hay. Scarified seed. Lb. 305.

**Yellow Blossom.** Similar to White Blossom but not such a rank grower; preferred by many for hay and pasture. Scarified seed. Lb. 35 cts.

Bushel prices on application

## KENTUCKY BLUE GRASS

This makes the best, sweetest, and most nutritious pasture for all stock. It is the first to start up in the spring and remains green until snow flies. It is very hardy and is uninjured by cold or dry weather, hot sun, or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other grasses. Lb. 30 cts., bus. (14 lbs.) \$3.75.

## ORCHARD GRASS

It grows in tufts, and is therefore best sown with red clovers, rye grass, etc. It is well suited for shady places, such as orchards and groves. Lb. 35 cts., bus. (14 lbs.) \$4.25.

## MILLET

**Tennessee, German or Golden.** Produces a very fine quality of hay and makes a large seed-head. In good seasons it grows about 4 feet high. Sow one bushel (48 lbs.) broadcast to the acre, from April 10 to July 10. Ask for prices.

## RED TOP (Solid Seed)

The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for timothy and Kentucky blue grass. It is a good variety to sow with timothy and clover for meadow or pasture and is more permanent than either of the other two. Lb. 20 cts., bus. (14 lbs.) \$2.50.

## BUCKWHEAT

A most valuable grain crop in northern Pennsylvania. Sow after June 15. On worn-out soils, a plowed-under Buckwheat crop is a good soil fertilizer and improver.

**Japanese.** Is much superior to the common Buckwheat. Prices on application.

**Silver Hull.** The grains are of a silvery gray color, making a white flour. Prices on application.



# CLOVER AND TIMOTHY SEED

## ABOUT THE QUALITY OF OUR CLOVER AND TIMOTHY SEED

A large and increasing proportion of the orders we receive for Timothy and Clover Seed are for our "Globe" and "Pine Tree" brands, because our customers have learned that the best seed is the most economical regardless of the cost. Seed cleaned for our Pine Tree and Globe brands must in every instance come up to a certain standard before it can be sold as such. It has always been our policy to sell goods as advertised, never substituting an inferior grade unless so advised. In this way we have built up our reputation, and our friends have learned that when they order "Pine Tree" and "Globe" brands, they receive them. Prices on all Farm Seeds change with the market; so write for best prices when ready to order. Seamless 2-bushel bags, used in shipping, are 45 cts. each extra



Medium Red Clover

Sow Red Clover seed and plenty of it

**MEDIUM RED CLOVER.** It pays always to buy the best quality of Clover Seed which can be obtained. Even though the first cost is twice as much as cheaper seed, it will be found in the long run that inferior seed is the most expensive, not only on account of less hay being produced from it, but from the fact that one's land becomes infested with weed seeds which decrease the value of the land on which they are growing. Prices on request.

**GUARANTEED MAMMOTH RED.** Pea-vine or sapling Clover, a large rank-growing Clover producing an enormous yield. It is a valuable plant for our depleted, worn-out hill-tops. Its immense root-system, filled with bacterial nodules, quickly restores fertility to the soil. It ripens later than the Medium Red Clover, at about the same time as timothy. Valuable for both pasture and hay, especially in combination with timothy. **Our stock of this Clover is the genuine Mammoth,**

**Guaranteed Mammoth Red,** continued carrying the certified grower's guarantee with each bag. Sow 8 pounds to the acre. Prices on request.

**Alsike, or Swedish.** This is one of the hardiest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red and with timothy, and the quality of hay thus produced is excellent. It is finer and more leafy than Medium Red. It is very fine for honey bees, and cattle prefer it to other Clovers. Prices on request.

**Crimson, or Scarlet.** An annual of strong, erect growth, 1 to 2 feet high. It roots deeply and places in the soil an abundant supply of nitrogen. When plowed under, it adds to the soil a large amount of humus or available plant-food, thus enriching the land and preparing it for other crops. Sow ten to fifteen pounds of seed to the acre in the spring. Prices on request.

**ALFALFA.** Alfalfa produces from three to seven tons of hay to the acre. It has as much protein as wheat-bran. 360 stalks have been grown from one seed. It does not exhaust the soil; it enriches the soil. It will grow three to five crops a year.

Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than timothy. Ten milch cows can be fed on less than two acres by soiling. Prices on request.



Timothy

## TIMOTHY

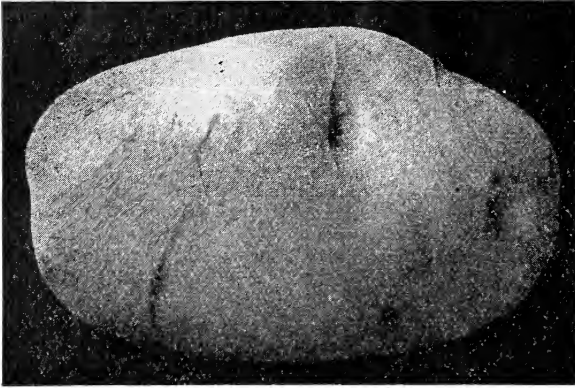
As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It should not take an intelligent farmer long to figure the wisdom of investing his time and money in reliable seed. Prices on request.

PRICES ON FARM SEEDS SUBJECT TO MARKET CHANGES



# NORTHERN-GROWN SEED POTATOES

NEVER USE EATING POTATOES FOR SEED



As usual, we shall have a good supply of standard varieties of Potatoes, free from Potato scab or other diseases. Our early varieties cannot be surpassed in earliness; they are white and mealy, and hold their firmness longer than home-grown stock. Such well-known and popular kinds as True Early Rose, Early Ohio, Burpee's Extra-Early, Irish Cobbler, Stray Beauty, and Noroton Beauty, or Quick Lunch, and perhaps some others will be in stock. These require no special description. The stock is grown in New York state, by the same reliable growers that have supplied us for many years. Ask for quantity prices.

MARKET PRICES WILL PREVAIL

## SEED OATS

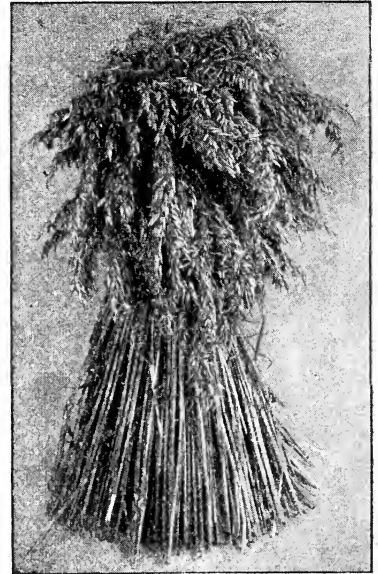
32 lbs. to the bushel. Sow  $2\frac{1}{2}$  bushels to the acre

**NEW ALBERTA.** It has been our desire to introduce a strictly first-class pedigree line of Farm Seeds. This Oat has large, white, heavy, plump kernels, and is thin-hulled, having stiff straw and spreading heads. It is a heavy yielder, doing well in this locality. We offer you these valuable Oats at a marked reduction from what we charged in the past for imported Oats. Bus. \$1.50, subject to change.

**SIDE OATS.** Heads on one side of the stalk; different from other varieties in this respect. Good yielder and preferred by some growers. Bus. \$1.50, subject to change.

**SIXTY DAY.** This is the earliest of any Oats growing in this state. It is one of the very best varieties for nurse crop. Can be placed on market a week before other varieties, and sometimes wins a premium on that account. As a nurse crop, we would use one bushel to the acre; for grain, one and one-half bushels. The grain is plump, but a trifle yellow. Bus. (32 lbs.) \$1.50, subject to change.

**BIG YIELDER OATS.** The strongest straw, making it practically lodge-proof. Big, plump, meaty grains of the highest quality. It is not a side Oats. I know it will please you. Get your order in early. Bus. \$1.50; 10 bus. \$1.35 per bus.



New Alberta Oats



A field of Storm King Oats

**NEW "BUMPER CROP."** These are the largest and plumpest Oats we have ever seen grown in this country. The heads are long with the grain heavily clustered. The straw stands stiff and straight. These Oats can be grown on rich land and will stand up straight and stiff where other kinds would go down before half ripe. Bus. \$1.50; 10 bus., \$1.35 per bus.

**STORM KING.** We have a good supply of this strictly reliable variety. The seed of this variety was originally imported, but has been grown for several years in this country, and is thoroughly acclimated. It makes a strong growth of straw, with large, well-filled heads, which have a tendency to be one-sided; and the grains are white, large, and heavy. Storm King has made a yield of from 60 to 70 bushels per acre, and we recommend it to every farmer who desires a thoroughly reliable variety. Bus. (32 lbs.) \$1.25, subject to change.



## CHAAPEL'S GILT-EDGE SWEET PEAS

A magnificent mixture of new Spencer and Grandiflora varieties; the large-flowering kinds, most artistically frilled and waved, with long stems. No common kinds used.

This Special Mixture has in the past been more largely planted than any others, and it promises this year to be better than ever. We have been fortunate in securing a splendid stock of really new and rare sorts that cannot fail to please the most critical Sweet Pea enthusiast.

Our customers usually prefer a mixture where all colors are represented, the lighter shades, including pink, white and lavender, being especially prominent. We secure this most satisfactory result by blending some thirty or more of the choicest named varieties, embracing every desirable color and shade. No better Sweet Peas for general cultivation can be produced at any price.

Full ounce pkt. 10 cts., 3 ozs. 25 cts., lb. \$1.

### New Spencer, or Orchid-Flowering

Nothing within recent years can approach in importance the introduction of the Spencer Sweet Peas. Though but a few years old they revolutionize all former conclusions. They are distinguished from the standard sorts by the enormous flowers, with crinkled and wavy petals, and also from the fact that they usually bear four blossoms on a stem.

Large pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts.

**White Spencer.** A magnificent white.

**Countess Spencer.** A lovely clear rose-pink, shading deeper at the edge.

**Florence Morse Spencer.** Delicate blush.

**Asta Ohn Spencer.** Soft lavender.

**Elfrida Pearson.** A lovely pink.

**King Edward Spencer.** Bright crimson-scarlet; the best of its color.

**Clara Curtis.** A primrose Spencer.

**Othello Spencer.** Deep, rich maroon.

### Superb Spencer Mixture

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades. We are sure this mixture will give absolute satisfaction. Oz. 20 cts., ¼lb. 60 cts., lb. \$2.25.

### A Critical Selection

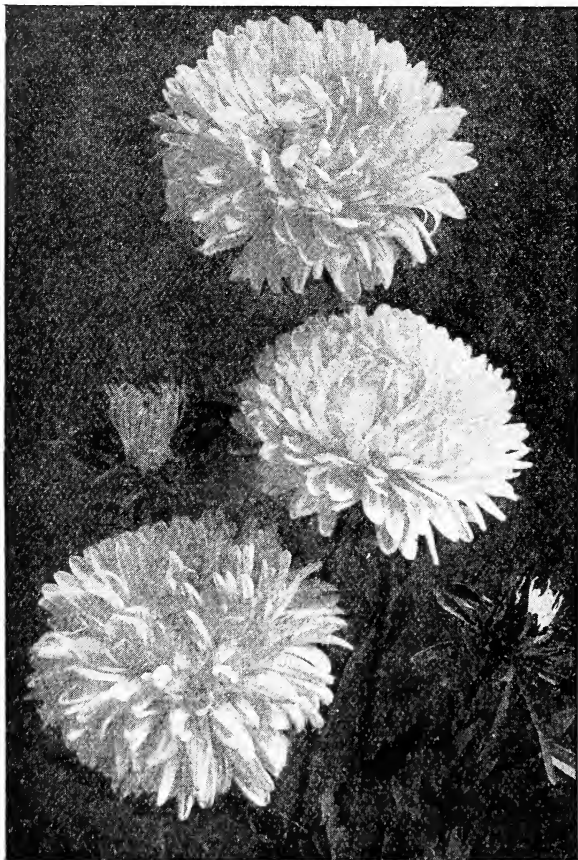
including the best of the Large-flowering or Grandiflora Sweet Peas. You will find these most desirable for their rich and distinct colors. Oz. 10c., 3 ozs. 25c., lb. 80c.

### Choice Mixed Colors

All bright colors, assorted in proper proportions to give splendid satisfaction. Oz. 5 cts., ¼lb. 20 cts., lb. 60 cts.

Chaaapel's Gilt-Edge Sweet Peas





Chaaapel's Superb Long-Branching Asters

## Long-Branching ASTERS

BRILLIANT FLOWERS IN GORGEOUS  
MASSES AND BEDS. BEAUTIFUL AS  
CUT-FLOWERS IN VASES

The Long-branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we now grow them, are double to the center. There are other Asters, exquisite in form and delicate in color; but the Long-branching Aster is still the leading Aster in all the flower markets in the country and still holds the first place in the garden of the amateur. Our Improved Strain has been secured after many years of careful selection. Large, perfectly double flowers on long stems.

We offer five distinct and beautiful colors:

Shell-Pink  
White  
Purple

Rose-Pink  
Lavender

### CHAAPEL'S SPECIAL MIXTURE

Which has been specially selected to produce beautiful flowers, gigantic in size, gorgeous in color, and perfect in form.

Price of each, pkt. 10 cts., 3 pkts. 25 cts.,  
1/4oz. 40 cts., oz. \$1.25; small pkt. 5 cts., 6 pkts.  
25 cts.

Special prices to Florists and Gardeners who  
grow for market.

Of all the flowers in the garden, none will give more genuine satisfaction than the Aster. The early sorts begin in midsummer and the late varieties carry the garden well into chrysanthemum time.

### NEW CREGO ASTER

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. The flowers are very large, often measuring 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length. Though the flowers are large, they are produced in abundance.

White      Rose-Pink      Purple  
Shell-Pink      Lavender      Mixed

Pkt. 10 cts., 3 pkts. 25 cts., 1/4oz. 50 cts.

### QUEEN OF THE MARKET

Largely grown by commercial florists for cut-flowers and for early market. The plants have an open, spreading habit, and the large, double flowers have a loose and graceful appearance. Seed should be sown quite early in the house.

White      Pink  
Light Blue      Mixed

Pkt. 10 cts., 3 pkts. 25 cts., 1/4oz. 35 cts., oz. \$1.



New Crego Aster



# POPULAR FLOWER SEEDS

That Bloom the  
First Season

These are all easily grown and will bloom freely and give you a great variety of color and delightful fragrance throughout the summer season.

Except where noted, all varieties, pkt. 5 cts., 6 pkts. 25 cts.

**ALYSSUM.** One of the most popular garden flowers; remaining in bloom the entire season; used for edging or in rockeries or vases.

**White Carpet.** Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 15 cts., oz. 50 cts.

**Sweet.** The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 10 cts., oz. 25 cts.

**ANTIRRHINUM** (Snapdragon). A splendid plant for beds or borders; easy to grow.

**Tall, Mixed Colors.** Pkt. 5 cts.,  $\frac{1}{4}$ oz. 20 cts.

**Giants, Special Mixture.** Embraces a magnificent assortment of the finest new varieties. Pkt. 10 cts., 3 pkts. for 25 cts.,  $\frac{1}{4}$ oz. 25 cts.

**BALLOON VINE.** A rapid-growing annual climber with white blossoms; seed-pods look like miniature balloons. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 15 cts.

**BALSAM** (Lady's Slipper). An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliantly colored, double flowers in the greatest profusion; of easy culture. Choice mixed colors. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 25 cts.

**CANDYTUFT, White Rocket.** Pkt. 5c., oz. 25c.  
**Mixed Colors.** Pkt. 5 cts., oz. 25 cts.

**CALLIOPSIS.** Showy and beautiful free-flowering annuals. Choice mixed colors. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 10 cts., oz. 30 cts.

**CORNFLOWER** (Centaurea). These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and Kaiserblumen.

**Cyanus, Blue.** The favorite dark blue sort so much in demand for cutting. Pkt. 5 cts., oz. 30c.

**Mixed.** Blue, white, rose, etc. Pkt. 5 cts., oz. 25c.

**COSMOS, Extra-Early Mixed.** Seed sown in the open ground early will produce plants completely covered with fine flowers two months before the late-flowering kinds. While the flowers are not so large as the late sorts, they are of good size and will undoubtedly perfect their blooms in the most northerly states. Pkt. 5 cts., large pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

**Mammoth-flowering, Mixed.** The flowers of this improved Cosmos grow very large, often measuring 3 inches in diameter, and are of the most delicate colors, shading from pure white to deep red and purple. The plants grow from 5 to 6 feet high, and the flowers have long, graceful stems, and are most attractive and beautiful. In order to get them to flower early in the fall in this latitude the seed should be sown in pots or boxes in March and the plants set out in the open ground in May. Pkt. 5 cts., large pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**COBÆA scandens** (Cup-and-Saucer Vine). Well-known climber of rapid growth, producing large, bell-shaped, purple blossoms; in sowing, place the seeds edgewise, and merely cover with light soil. Pkt. 10 cts., 3 pkts. for 25 cts.

**CYPRESS VINE.** A very graceful, annual climber, with feathery foliage and beautiful, star-like flowers. Mixed colors. Pkt. 5 cts.

**CLARKIA.** This pretty and easily grown annual has been much improved lately.

**Double, Mixed.** Pkt. 5 cts.,  $\frac{1}{4}$ oz. 10 cts.

**Single, Mixed.** Pkt. 5 cts.,  $\frac{1}{4}$ oz. 10 cts.



Sweet Alyssum

**CALIFORNIA POPPY** (Eschscholtzia). An elegant hardy annual with fine-cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders. Pkt. 5 cts., oz. 30c.

**CARNATION, Marguerite.** These are deservedly the most popular Carnations with the amateur as they begin flowering in a few weeks from time of sowing.

**Mixed.** All colors. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 30 cts.

**DIANTHUS, or PINKS.** A most satisfactory class of flowers, easily raised from seed, and which are in constant bloom the entire season; fragrant.

**Heddeiwigii** (Single Japan Pink). Finest selected single-flowered. Mixed. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 25c.

**Heddeiwigii fl.-pl.** (Double Japan Pink). Colors varying from the richest crimson to the most delicate rose. Mixed. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 25 cts.

**DOLICHOS** (Hyacinth Bean). Rapid-growing climber, bearing a profusion of bean-like flowers. Choice mixed colors. Pkt. 5 cts., oz. 15 cts.

**GOURD, Ornamental.** Rapid-growing, annual climbers for covering arbors, fences, etc., with ornamental foliage and curious-shaped fruit. Pkt. 5 cts., oz. 20 cts.

**HOLLYHOCK, Chater's Superb Double Mixed.** One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet. Pkt. 10 cts.

**KOCHIA trichophylla** (Summer Cypress, or Mexican Firebush). An easily grown annual which grows into a cypress-like hedge, with feathery green foliage; at the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet. Pkt. 5 cts., oz. 15 cts.

**LARKSPUR.** Well-known annuals of great beauty and noted for the richness of their colors, particularly in the blue shades. Pkt. 5c.,  $\frac{1}{4}$ oz. 10c.

**MOONFLOWER** (*Ipomœa noctiflora*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10 cts., 3 pkts. for 25 cts.

## POPULAR FLOWER SEEDS, continued

Except where noted, all varieties, pkt. 5 cts., 6 pkts. 25 cts.

**MARVEL OF PERU, Choice Mixed** (Four-o'Clock). Bushy plants of easy culture, producing hundreds of flowers during the entire summer. Choice mixed colors. Height, 2 feet. Pkt. 5 cts., oz. 15 cts.

**MORNING-GLORIES.** One of the most popular annual climbers.

**Choice Mixed Colors.** Pkt. 5 cts., oz. 15 cts.

**Japanese Imperial.** Flowers of immense size; a great variety of colors. Pkt. 5 cts., ½oz. 15c.

**MYOSOTIS** (Forget-me-not). An everblooming variety, beginning in May and continuing till autumn. Large, clear blue flowers in pretty sprays. Pkt. 10 cts., 3 pkts. for 25 cts.

**MARIGOLD, Eldorado.** Popular free-blooming garden plants of the easiest possible culture. Flowers of immense size in all shades of yellow. Pkt. 5 cts., ¼oz. 15 cts.

**MIGNONETTE, Sweet-scented.** Valuable on account of its fragrance; sow in succession during the summer. Pkt. 5 cts., oz. 15 cts.

**NASTURTIUMS, Our Gilt-Edge Mixtures.** Are especially rich in brilliant colors, large flowers and free-blooming qualities. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil, in a well-drained, sunny position. They seem to flourish under the most trying conditions, and the more often the flowers are cut, the more profusely do they bloom. If you want large flowers and plenty of them, don't let them go to seed.

**Tall or Climbing, Choicest Mixed Varieties. Tom Thumb Dwarf, Mixed.**

**Special Colors—Crimson, Scarlet, Yellow, etc.** ½oz. 10 cts., oz. 15 cts., 3 ozs. 35 cts.

**PANSY, Chicago Parks Bedding, Mixed.** Great diversity of colors. Pkt. 5 cts. ¼oz. 35 cts.

**Mammoth Mixed.** Pkt. 10 cts., ¼oz. 50 cts.

**PETUNIAS.** Finest striped and blotched, making a grand show of color all season. Choice mixed colors. Pkt. 5 cts., ¼oz. 35 cts.

**PHLOX DRUMMONDII.** One of our finest hardy annuals, easily grown from seed; makes a brilliant display as a summer bedding plant. Mixed colors. Pkt. 5 cts., ¼oz. 35 cts.

**POPPY, Shirley.** An improved strain of Poppies, varying in color from pure white to rosy carmine and deep crimson in mixture. Mixed colors. Pkt. 5 cts., ¼oz. 15 cts.

**Carnation-flowered.** Double fringed. Mixed colors. Pkt. 5 cts., ¼oz. 10 cts.

**PORTULACA, Single Mixed.** Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors. Pkt. 5 cts., ¼oz. 15 cts.

**RICINUS** (Castor-Oil Bean). These ornamental plants are used with great effect on lawns, as centerpieces in flowering beds, such as cannas, etc. Pkt. 5 cts., oz. 15 cts.

**Zanzibarensis, Mixed.** The leaves are green, while the stalk, stem, and veins of the leaves are red, brown, and yellow, producing a gorgeous display of color. Pkt. 5 cts., oz. 25 cts.

**SALVIA** (Scarlet Sage). This popular and showy bedding plant is almost indispensable. Seeds should be started either in the house from February to April, or in hotbeds.

**Splendens.** Tall-growing plants. Height, 3 feet. Pkt. 5 cts., ¼oz. 40 cts., oz. \$1.50.

**Bonfire** (Clara Bedman). Compact, bushy plants, 2 feet high, producing erect spikes of the most brilliant scarlet flowers. Pkt. 10 cts., ¼oz. 75c.

**Zurich.** Early. Dwarf and compact; large, brilliant flower-spikes. Pkt. 10 cts., ½oz. 50 cts.

**SUNFLOWER** (Helianthus), **Stella.** Single; golden yellow, black center. Pkt. 5 cts., oz. 30 cts.

**Tall Double.** Yellow flowers. Pkt. 5 cts., oz. 25c.

**Russian Mammoth.** Immense, single, yellow flowers. Height, 6 feet. Pkt. 5 cts., oz. 10 cts.

**STRAWFLOWER, or Everlasting Flowers** (Helichrysum). Fine for winter bouquets. Pkt. 5 cts., ¼oz. 30 cts.

**SWEET WILLIAM** (*Dianthus barbatus*). This is one of the finest hardy garden plants; of easy culture. Mixed colors. Pkt. 5 cts., oz. 30 cts.

**SCARLET RUNNER BEAN.** A rapid climber, 10 to 15 feet high, flowering profusely. Oz. 10c.

**VERBENA.** An excellent annual for beds and massing, and for a gorgeous display during the summer months it cannot be excelled.

**Mammoth Mixed.** Pkt. 10 cts., ½oz. 25 cts.

**ZINNIAS** (Youth and Old Age). The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite.

**Tall, Mixed Colors.** Pkt. 5 cts., oz. 25 cts.

**Giant-flowering, Mixed.** Our strain of this magnificent giant-flowered type is unsurpassed. Pkt. 10 cts., ½oz. 30 cts.

**Giant-flowering, Scarlet.** Pkt. 10 cts., 3 pkts. for 25 cts., ½oz. 35 cts.

## WILD FLOWER GARDEN

**Choice Mixed Flower Seeds.** A mixture of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season. Large pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.



Giant-Flowering Zinnia



## Grow Your Own Vegetables

Cut down your living expenses. You'll be astonished how easy it is to save time, labor, and money, and get bigger and better crops when you use

## Planet Jr. Garden Tools

ASK FOR CATALOGUE



Planet Jr. Seeder and Wheel Hoe at work in a suburban garden

## Planet Jr. Farm and Garden Tools

Planet Jr. Tools are the most carefully designed and constructed, built of the finest materials, and are the most economical because they outlast others and do better work. Planet Jr. Catalogue, 72 pages. Nearly 200 illustrations. Free. Send postal.

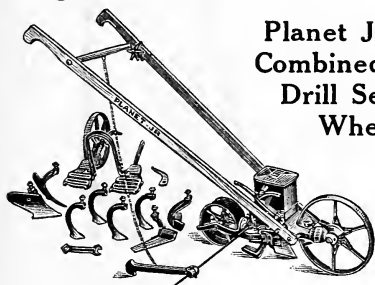


### No. 4 Planet Jr. Hill and Drill Seeder and Single-Wheel Hoe

Price, complete, \$17  
As a Seeder Only, \$13.50

Holds 2 1/2  
Quarts of  
Seed

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily all through the season.



### Planet Jr. No. 25 Combined Hill and Drill Seeder and Wheel Hoe

Price, \$20

Holds 2 1/2  
Quarts of  
Seed

A splendid combination for the family garden, onion-grower, or large gardener. Is a perfect Seeder, and combined Double- and Single-Wheel Hoe. Unbreakable steel frame. Capacity, 2 acres a day.

### Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer

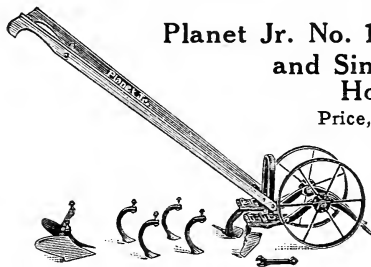
Complete, with Steel Wheel, \$17.50  
Without Pulverizer, \$14.50

An invaluable tool in truck and strawberry patches and the market-garden. Leaves ground in finest condition without throwing dirt on plants. Has new steel wheel.



### Planet Jr. No. 12 Double- and Single-Wheel Hoe

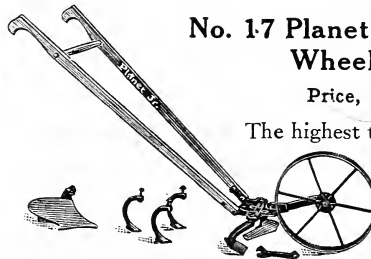
Price, \$11



A Single and Double-Wheel Hoe in one. Straddles crops till 20 inches high, then works between. The Plows open furrows and cover them. The Cultivator Teeth work deep or shallow. The Hoes are wonderful weed-killers. New 14-in. steel wheels, steel frames, arch, etc. Greatly improved for 1918.

### No. 17 Planet Jr. Single-Wheel Hoe

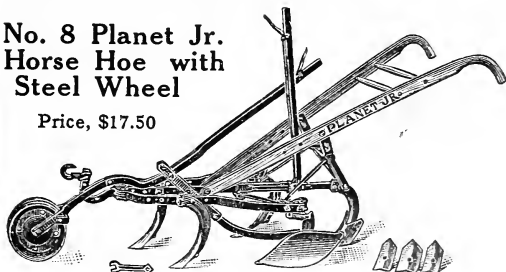
Price, \$7.50



The highest type of Single-Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way. Indestructible steel frame. New. 15-in. steel wheel. Call and let us show you the 1918 models; they will please you.

### No. 8 Planet Jr. Horse Hoe with Steel Wheel

Price, \$17.50



Stronger, better made, and capable of a greater variety of work than any other Cultivator made. A great favorite.

## Spray Pumps, Nozzles and Fixtures

Send for Special Pump Catalogue. We can save you money. We have a complete line of supplies, and can fill your wants promptly.

**GOULD POMONA BARREL SPRAY PUMP.** Large size. Bronze parts, agitators and 15 feet of hose, complete, \$22.

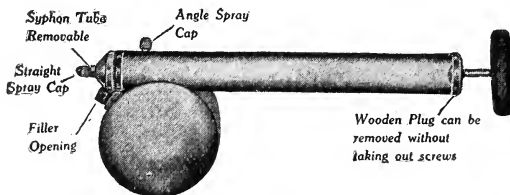
**GOULD'S FRUITAL BARREL PUMP.** All bronze parts; complete, with 15 feet of hose, \$15.



Gould's Fruit Barrel Pump



Gould's Pomona Barrel Spray Pump



Automatic Compressed-Air Sprayer

**Spray Boom B.** Four rows; equipped with four nozzles. \$9.

**Spray Boom C.** Three rows; equipped with three nozzles to each row. \$20.

Order early to insure delivery at proper time. Prices subject to change.

**AUTOMATIC COMPRESSED-AIR SPRAYER.** This is the grandest hand sprayer ever offered. Very easily operated; especially desirable for ladies' use. \$1, \$1.25, and \$1.50.

**CYCLONE HAND SPRAYERS.** Tin, large, 75 cts.

**REDHEAD GLASS RESERVOIR HAND SPRAYER.** Very reliable and popular. 90 cts.

**KANT-KLOG JR. BUCKET PUMP.** All brass and of excellent value. Just the thing for the man with a small fruit-garden, a few greenhouses, or a hen-house that needs spraying. Complete with hose and nozzle. Throws three different sprays. \$3.50.

### The Auto Spray

Now used by all leading florists and fruit-growers. It operates with compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, forty pounds.

**No. 1-A, Brass.** Equipped with hose and regular nozzle, \$9.50.

**No. 1-B, Brass.** Equipped with hose and Auto-Pop attachment, \$10.

**No. 1-C, Galvanized Iron.** Equipped with hose and regular nozzle, \$6.25.

**No. 1-D, Galvanized Iron.** Equipped with hose and Auto-Pop, \$6.75.

**NON-KLOG JR. SPRAY NOZZLES.** Angle or straight, 75 cts.

**BAMBOO EXTENSION RODS.** With connections. 4 ft. \$2, 6- or 9-ft. \$4 each.

**BRASS EXTENSION RODS.** 3 feet long. 75 cts.

A Complete Line of other Nozzles and Connections

### Cyclone Broadcast Seeder

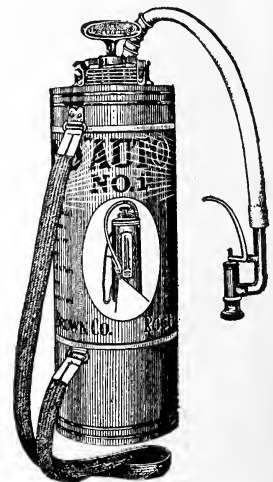
Simple in construction and easy of operation; has automatic regulator and cut-off, and performs its work perfectly. It is practical. Price, \$2.

### Acme Corn Planter

Works in any soil; has flexible and adjustable iron drop; does not wear the brush; has iron seed-box and iron channel; foot made of polished steel. Well made, durable, reliable; gives universal satisfaction. Prices, \$1.50 to \$2.50 each.

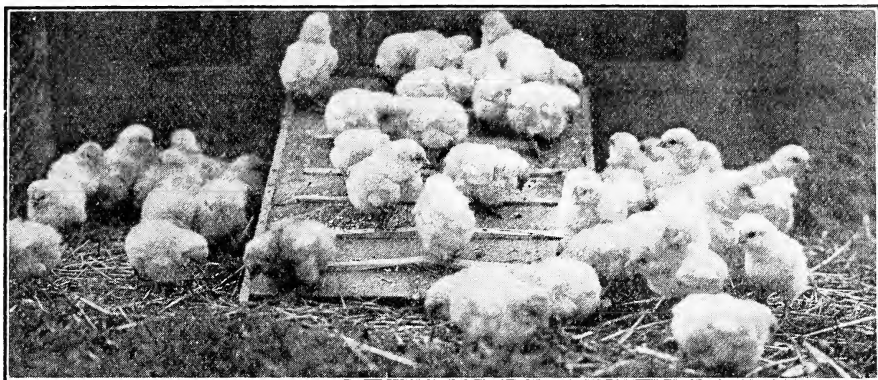
### Cane Stakes

For staking plants of all kinds, especially good for staking gladioli, etc. 8 feet long; can be cut to any length. 25 cts. per doz., \$1.50 per 100.



Auto Spray, showing Auto-Pop attachment



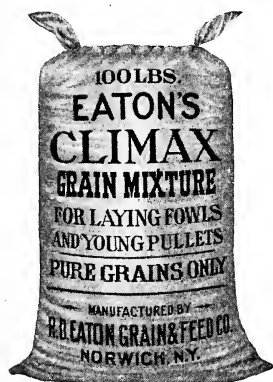


This lively bunch of little chicks is thriving on Conkey's Starting Food

## POULTRY-SUPPLY DEPARTMENT

It is impossible to list our complete line of supplies—write for anything you need—you will get the best. The market fluctuations on grain are so erratic that it is impossible to quote prices for any length of time.

Prices will be supplied on request



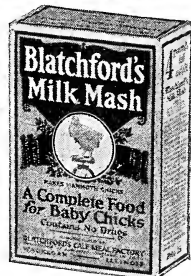
### POULTRY FOODS

**Eaton's Climax Mixture.** Highest quality; always right; pure grains; none better at any price.  
**Eaton's Baby Chick Life-Saver.** Mixed grains.  
**Eaton's Growing Ration.** Mixed grains.  
**Eaton's High-Grade Pigeon-Food.**  
**Eaton's Perfection Dry Mash.** For laying fowls.  
**Blatchford's Egg Mash.** A reliable egg-maker.  
**Blatchford's Milk Mash.** Best for baby chicks.  
**Conkey's Starting Food.** Start them right and avoid bowel trouble. Lb. 10 cts., 3 lbs. 25 cts.  
**Charc-oil.** Medicated charcoal. Pkg. 25 cts.



**Alfalfa Meal.** For making mashes and green feed.  
**Milk Albumen (Granulated Milk).**  
**Darling Meat Crisps.** 75 per cent protein.  
**Meat Scraps.** 50 to 55 per cent protein.  
**Bone, Fine and Coarse Ground.** Valuable for feeding growing chicks. Lb. 5 cts.  
**Brosch Kowsky's Pigeon Health Grit.**

**Oyster Shells, Charcoal and Grit.**  
**Chaapel's Regulator Grit.** Made in two sizes, for chicks and matured poultry. All the necessary ingredients to make better and more eggs.



### POULTRY REQUISITES

We carry a full line of galvanized ware, glassware and stoneware, drinking-fountains, galvanized grit and shell boxes, incubator lamps, dry-mash hoppers. A full and complete line of Poultry Supplies. Prices on application.

**Tycos Incubator Thermometers,** 50 cts., 60 cts., and 75 cts.  
**Certified Thermometers,** \$1.  
**Brooder Thermometers,** 60 cts. and 75 cts.  
**Petty's Poultry Punch.** For marking chicks. 25c.  
**Leader Adjustable Aluminum Leg Bands.** Doz. 15 cts., 25 for 25 cts., 50 for 45 cts., 100 for 65 cts.  
**CHAAPEL'S EGG-RECORD CARD FREE**

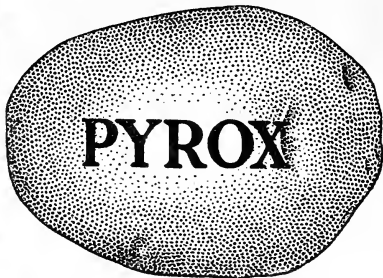
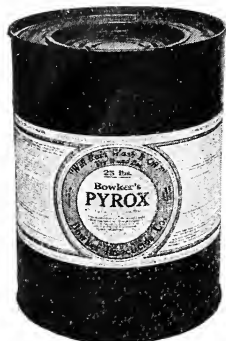
**Celluloid Spiral Leg Bands.** Come in all colors and sizes. Doz. 15 cts., 100 for \$1.  
**Humpty-Dumpty Egg Crates.** 6-doz. size, 35c. ea.  
**Farmers' Star Egg Crates.** 12-doz. size, \$1.50 ea.  
**Parcel-Post Egg Mailing Boxes.** 12-egg size, 10 cts.; 15-egg size, 15 cts.; 30-egg size, 20 cts.  
**Shipping Boxes for Chicks.** 25-chick size, 25 cts.; 50-chick size, 50 cts.

### CONKEY'S POULTRY REMEDIES AND INSECTICIDES

Poultry cannot be profitable unless they are healthy. The importance of prevention by the use of a germicide, like Noxi-cide, should not be underestimated. This line is complete.

Conkey's Poultry Book free





## "SAFETY FIRST"



### A TWO-IN-ONE SPRAY

Spray your crops with Pyrox, a combined insecticide and fungicide spray that sticks,

kills all chewing insects, controls and prevents many blights that attack fruits and vegetables. Since the various insects and blights have become so prevalent, to be sure of a crop it is necessary to spray. Why not use the most convenient, economical, and lasting spray—one that gives results and accomplishes wonders?

Pyrox is a combination spray in paste form; it contains arsenate of lead, paris green, and blue stone (Bordeaux mixture). It is positively the best spray to stick to the foliage yet introduced; rains do not wash it off, and it does not burn if applied according to directions.

It may also be used in connection with Black Leaf 40, thereby controlling the soft-bodied insects, such as the aphides, the chewing insects, and the blight, all at one operation. Spray with Pyrox. Directions on each package.

Get ahead of the crows by treating seed corn with Pyrox. See page 16

Lb. 35 cts., postpaid 45 cts.; 5 lbs. \$1.40, postpaid \$1.55; 10 lbs. \$2.50, postpaid \$2.70; 25 lbs. \$5.75, 50 lbs. \$10.75

**Scalecide.** The latest and best spray for San José scale, cottony maple scale, and pear psylla. It is not poisonous, being simply a mechanical preparation of petroleum oil that instantly mixes with cold water and is immediately ready to apply. One gallon of Scalecide to 20 gallons of water, sprayed on your trees and bushes, will kill every scale that it reaches without injury to tree or fruit if applied in late fall, winter, or early spring, while the foliage is off. Safe and easy to apply. Qt. 50 cts., gal. \$1.25, 5 gals. \$4.85.

**Soluble Sulphur Compound.** Powdered Lime-Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water. Lb. 20 cts., 5 lbs. 85 cts., 10 lbs. \$1.60, 100 lbs. \$9.50.

**"Black Leaf 40."** A concentrated solution of nicotine sulphate; an excellent spray for black aphids and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. Oz. 25 cts., ½ lb. 75 cts., 2 lbs. \$2.50, 10 lbs. \$10.75.



**Formalin.** (Formaldehyde, 40 per cent.) A valuable disinfectant for destroying germs that cause diseases in plants. It is very effective when used to destroy smut germs in oats and scab on potatoes. To treat oats, use one pint of formalin to fifty gallons of water and soak ten minutes. For potatoes use one pint to thirty gallons and soak two hours. Pt. 50 cts.

**Arsenate of Lead, Powdered.** (The S.-W. Co. Brand.) This form of Arsenate is exclusively used. It is instantly soluble in water and a pound thereof goes

almost twice as far as two pounds of paste Arsenate. One pound dilutes to fifty gallons of water. Lb. 60 cts., 5 lbs. \$2.75, 10 lbs. \$5.25.

**Slug-Shot.** The standard remedy for currant worms, rose slugs, cabbage worms and almost any soft-shelled insects that infest the vegetable- or flower-garden. Lb. carton 20 cts., 5 lbs. 45 cts., 10 lbs. 75 cts.

**Conkey's Nox-i-cide.** Dip disinfectant; lice liquid; germ destroyer. Mixes with water. Pt. 40 cts., qt. 70 cts., 2 qts. \$1, 4 qts. \$1.75.

**Conkey's Fly Knocker.** For keeping flies from cattle and horses. Increases the milk flow in fly-time. Spray in the morning before taking stock from barn. Qt. 50 cts., 2 qts. 75 cts., gal. \$1.25.

**Copper Solution.** Excellent spray for celery, carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Qt. 75 cts., gal. \$2.50.

**Paris Green.** It may be used in liquid form, one pound to fifty gallons of water, or with land plaster at the rate of one pound paris green to 100 pounds of land plaster. ¼ lb. 20c., ½ lb. 35c., lb. 65c., 5 lbs. \$3.

**Sulphur, Powdered.** Lb. 10 cts., 100 lbs. \$6.50.

**Tobacco Dust.** For dusting only; excellent for lettuce and other plants, to destroy soft, creeping insects. Lb. 10 cts., 5 lbs. 25 cts., 10 lbs. 45 cts., 100 lbs. \$3.50.

**Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band. Insects and other crawling pests cannot get over it. Lb. can 50 cts., 3-lb. can \$1.45, 10-lb. can \$4.50.

**Whale- or Fish-Oil Soap.** An excellent summer spray when something stronger cannot be used. ½ lb. 15 cts., lb. 25 cts.

**Weed and Ivy Killer.** Used for killing weeds, ivy, grass, etc., in paths, gutters, roadsides, tennis courts, or wherever vegetation is not wanted. ½ gal. 75 cts.

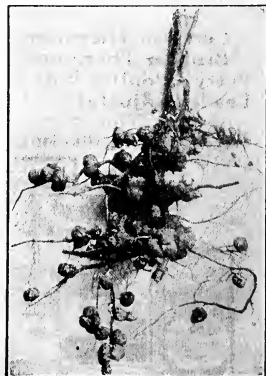
**Grape Dust.** Lb. 10 cts., 3 lbs. 25 cts.

**Hellebore.** For destroying currant worms, etc. ¼ lb. 15 cts., ½ lb. 30 cts.

**Rat-Nip.** Kills rats every time. They can't resist it. Tubes 15 cts. and 25 cts.

**Hydrometers, for Testing Lime-Sulphur.** Prof. Surface's Specifications, 85c. (postpaid \$1). Prof. Stewart's Specifications, \$1.25 (postpaid \$1.40).

**Grafting Wax.** ½ lb. 20 cts.



Inoculated Root, showing nodules

## STANDARD PURE CULTURE INOCULATION

### NITROGEN-GATHERING BACTERIA

This is the first reliable Legume Inoculation sold at a reasonable price, and farmers should be willing to use these pure cultures for inoculation purposes as it is a much cheaper and safer method than the transfer of soil for this purpose. Directions with each bottle. Acre size, 60 cts., 2-acre size, \$1; 4-acre size, \$1.75.



# ALPHANO PREPARED HUMUS (Fertilizer)

Briefly, Alphano is rich soil humus that is aerated, sweetened, composted, highly concentrated, and then mixed with the right quantities of additional plant food, inoculating it with the various essential bacteria necessary to make it a perfectly balanced ration for giving immediate and lasting fertility to all soils.



Take an iron-toothed rake and rake the Alphano thoroughly into the soil. It's one of the essentials

Aside from its high value as a fertilizing stimulant and plant food, it is odorless and sanitary, giving it distinct advantages over the obnoxious stable manures and other ill-smelling fertilizers.

Being free from weed seeds, it is ideal for lawn and garden uses of all kinds.

Being in granulated form it can be easily and evenly incorporated into the soil.

For flower- and vegetable-gardens, apply at the rate of  $\frac{1}{2}$  to 2 inches deep and fork well into the soil as you would well-rotted manure. For general lawn work, as a top-dressing, 100 pounds will effectively treat about 800 square feet (25 by 32 feet). One ton will effectively treat about one-third of an acre. Of course smaller quantities applied are beneficial in proportion to the application.

Alphano benefits your soil physically by mellowing it. It increases the soil's water-holding and heat-retaining power. It makes cold soils warmer and dry soils moist.

Alphano benefits your soil chemically by liberally supplying nitrogen, phosphate, potash, all immediately available for the plant's needs. Its lime keeps the soil sweet by correcting its acidity.

5 lbs. 20 cts., 10 lbs. 30 cts., 25 lbs. 50 cts., 50 lbs. 75 cts., 100 lbs. \$1.35, 500 lbs. \$6.25, 1,000 lbs. \$12., ton \$20. Special prices, f. o. b. factory, in ton and carload lots

## PULVERIZED SHEEP-MANURE

Fertilize Your Lawn and Garden

Nature's richest and best fertilizer is Pulverized Sheep-Manure. It is dry and finely pulverized, with every weed seed destroyed, and for Lawns, Flowers, Vegetables and Fruits it is unequalled. Use 10 pounds to every 150 square feet (10 by 15 feet), 1,000 pounds to the acre. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.50, 100 lbs. \$2.75, 500 lbs. \$11, ton \$37.50.



## NITRATE OF SODA

This is the most soluble and quickly available form of nitrogen or ammonia. It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, tomatoes, potatoes and similar crops, as well as for grass and grain. It can be advantageously used as a top-dressing after plants are up. It is immediately available to the plants when applied.

Gardeners should always have some Nitrate of Soda on hand, and use it whenever they want to promote a quick, strong growth in plants. A little Nitrate dissolved in water at the rate of about a tablespoonful (one ounce) to two gallons of water will stimulate a rapid growth either when applied to plants in frames, greenhouses or the open ground. If your plants don't grow well, try a little Nitrate on them—but don't use too much. Owing to the war, supplies are limited and prices subject to change. Lb. 15 cts., 2 lbs. 25 cts. 5 lbs. 60 cts., 10 lbs. \$1.10, 25 lbs. \$2, 100 lbs. \$7, 200 lbs. (original bag) \$13.

**Bone Meal.** Pure ground bone. It is rich in nitrogen and phosphoric acid, the two principal plant-foods. Lasting in its effect. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1, 50 lbs. \$1.50, 100 lbs. \$2.75.

**Royal Blue** (1-10). A good grain-grower for oats, corn, etc., carrying 10 per cent of phosphoric acid, the plant-food that our State College and agricultural experts advise us is the deciding element needed in our soils to insure profitable crops. 167-lb. bag \$3, ton \$30.

**Acid Phosphate** (16 per cent). Apply 300 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. Original bags of 167 lbs. \$2.50, ton \$27.

**Penguin Ammonia** (2-10). A good grade of fertilizer for market- and home-gardens; will grow bigger and better crops of potatoes, corn, cabbage, and all vegetables. We have a fair supply of this grade of goods on hand; first come first served. Order early and avoid disappointment later. Put up in convenient-sized bags of 100 lbs. at \$2.50, ton \$40. Also 25 lbs. 75 cts., 50 lbs. \$1.35.

**Lime, Hydrated.** (Powdered.) For lawn and field use where the ground has become sour. 50 lbs. (paper sack) 50 cts.

**Cattle Manure.** (Pulverized or Shredded.) A valuable fertilizer for the vegetable or flower garden; carefully prepared by drying and screening. In 100-lb. bags only \$2.75 ea., 500 lbs. \$11, ton \$37.50.

# BLATCHFORD'S CALF MEAL

## The Complete Milk-Equal



Sold in 25-, 50- and 100-lb. bags.

100 pounds make 100 gallons of Complete Milk Substitute

Just the thing to raise or veal your calves right from birth.

Then sell your milk and get the benefit of the high creamery prices.

**No more scouring calves!**

It is absolutely the only milk substitute containing all the elements necessary for rapid and healthy growth, and the only calf meal that is thoroughly cooked and prepared for digestion. Being the original and best, it will push your calves forward better and quicker than any other food.

## FROM SOW TO PASTURE



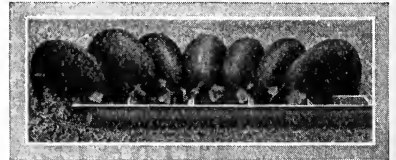
Sold in  
25-, 50- and  
100-lb. bags.

Wean your little  
pigs easily, safely  
and cheaply on

### Blatchford's Pig Meal

From Pig-hood to Pork-age it gives big bone and solid flesh. Prevents loss of growth and vitality during the critical weaning period, and always **MAKES THE RUNTS CATCH UP.**

Successfully weaned!



Not a runt in the litter.

## INCUBATORS

Buckeye—Hot Water

Buffalo—Hot Air

## BROODER STOVES

Standard, Blue Hen, and Buffalo

CIRCULARS AND PRICES ON REQUEST





## Chaapel's American Lawn Grass Seed

Recleaned and Tested Seed, weighing over 20 pounds to the bushel

Our Mixture can be absolutely relied upon as being made up of the finest qualities of Grass Seed obtainable, free from weed seeds, and of the very best and highest germinating qualities. Mixed especially of Grasses that do best in our soils.

We have sold this Mixture of Lawn Grasses for many years, and positively know that it is surpassed by none; it will stand wear and tear, forming a close, firm, green and lasting turf, retaining its velvety appearance to the last. One quart will sow a space 10 by 20 feet—200 square feet. Ask for our leaflet, "How to Have a Better Lawn." Qt. 25 cts., 2 qts. 45 cts., 4 qts. 75 cts., pk. \$1.25, bus. (20 lbs.) \$4.50.

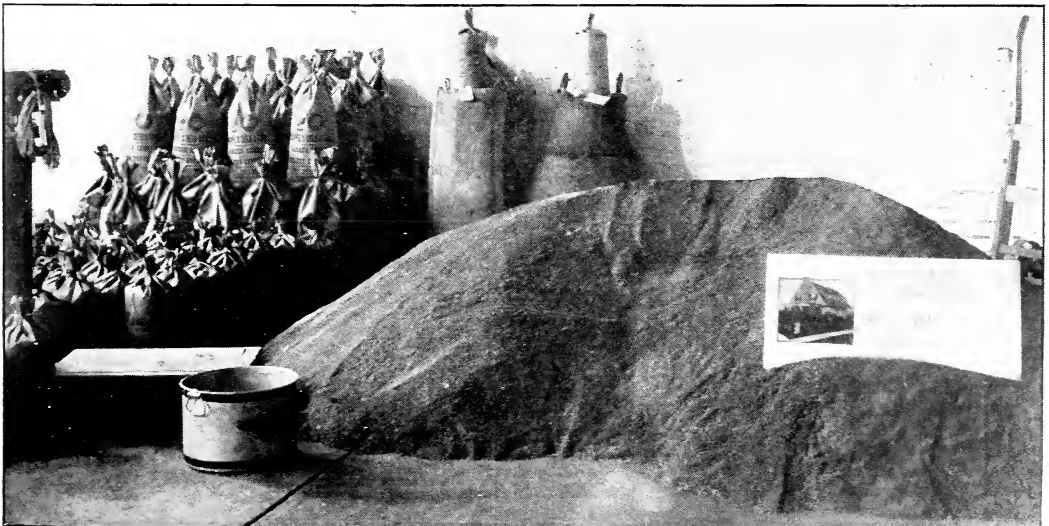
## Chaapel's Shady Lawn Grass Seed

In most cases our American Lawn Grass Seed Mixture will meet all requirements for making a good lawn, but there are certain Grasses which thrive better where there is continuous shade. These we have combined in our Shady Lawn Mixture, which we recommend as the best that can be offered under any name or at any price.

Shaded locations are usually sour, mossy and impoverished. Lime will sweeten the soil; sheep manure, bone meal and nitrate of soda will make the Grass grow luxuriantly even in shady places. Sow one quart to 100 square feet—10 by 10 feet. Qt. 30 cts., 2 qts. 50 cts., 4 qts. 85 cts., pk. \$1.40, bus. (20 lbs.) \$5.

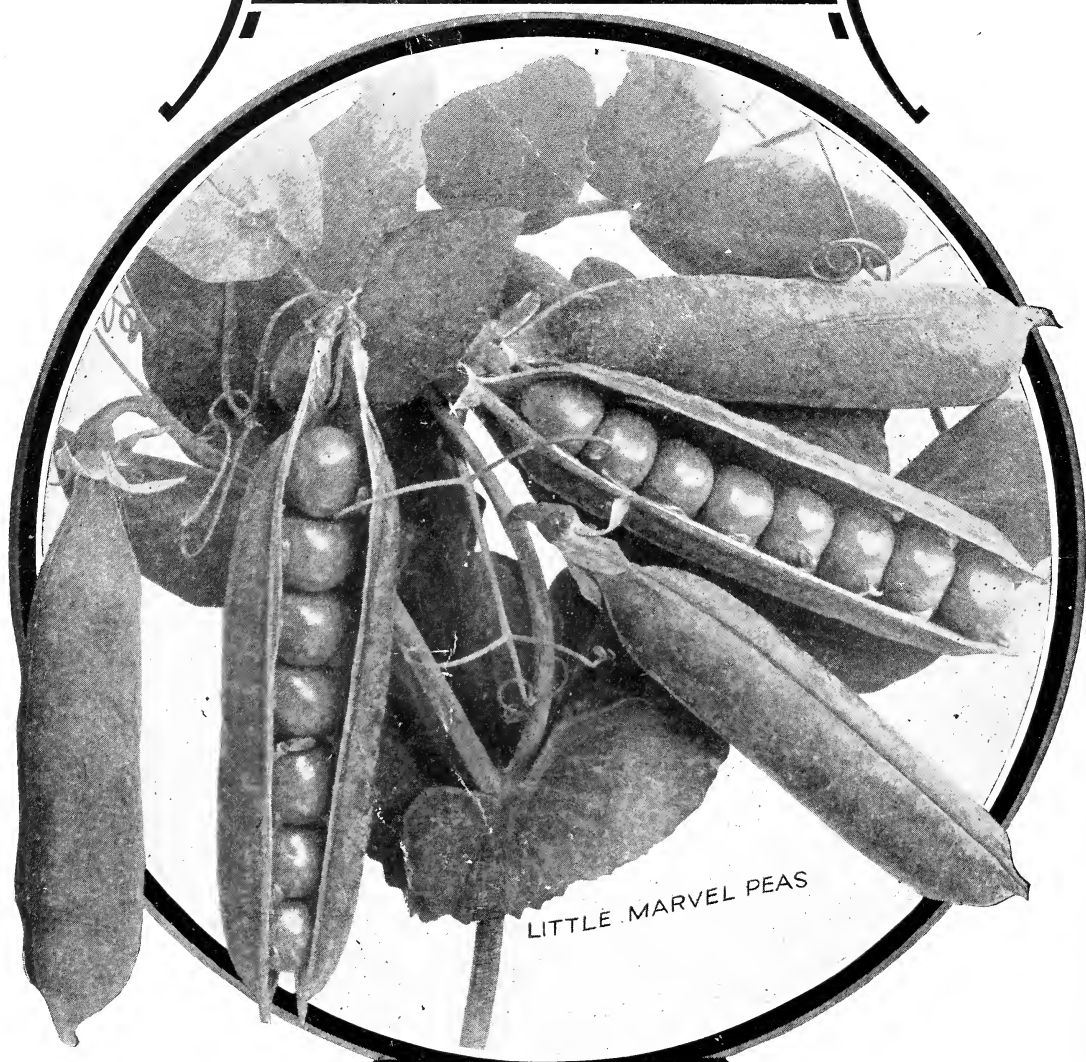
**FANCY WHITE CLOVER.** Fine for new or old lawns; easy to grow. Adding one-fourth pound to one quart of our Lawn Grass Seed will make a very desirable mixture.  $\frac{1}{4}$  lb. 20 cts., lb. 75 cts.

*FEED YOUR LAWN—MAKE THE GRASS GROW*



Not many people who use our Lawn Seeds know that we do our own mixing from our own formulas, using only selected varieties of Grasses of superior quality. It was while doing this mixing that we wished our customers could see this great pile of Seeds, so our Mr. Bacher "took its picture." We require several piles like this to supply our customers each season.

# GARDEN, FARM and FLOWER SEEDS



1918

## CHAAPEL'S SEED STORE

41 EAST THIRD STREET  
WILLIAMSPORT, PA.